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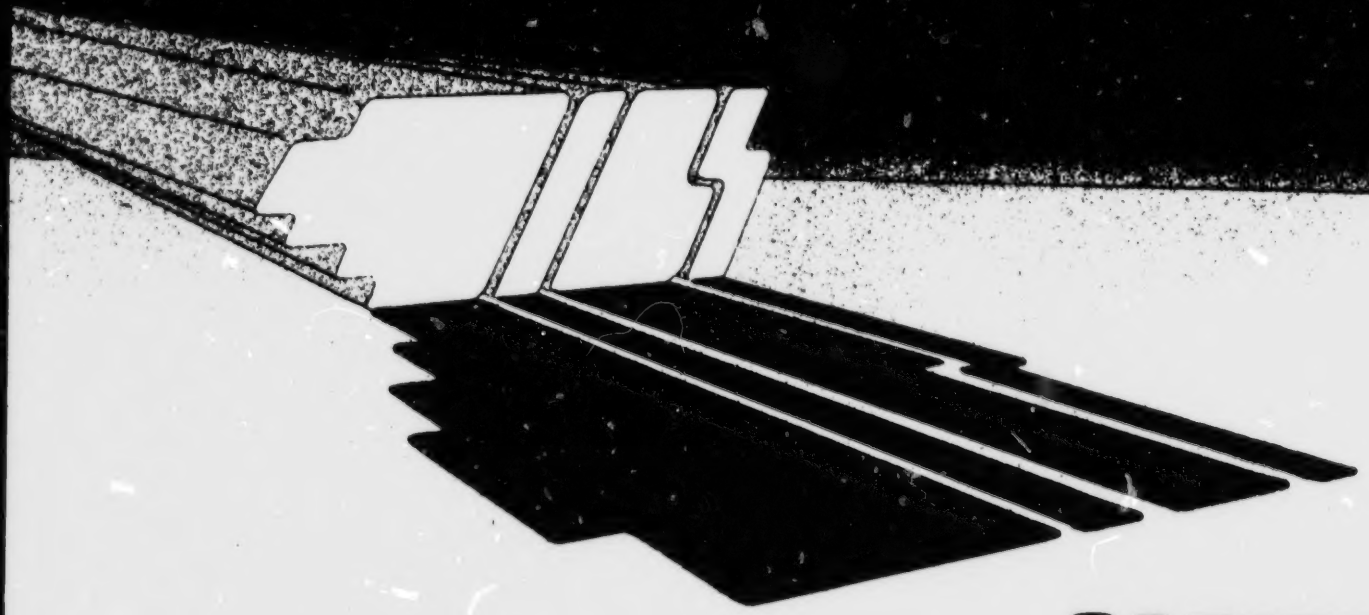
The Regional Municipality of Niagara



1987 CAPITAL BUDGET

& 4 YEAR FORECAST

THE REGIONAL MUNICIPALITY OF NIAGARA

LETTER OF TRANSMITTAL

TO: Mr. W. Smeaton, Chairman
and Members of Finance Committee

FROM: M. Trojan
Director of Finance

M. H. Boggs
Chief Administrative Officer

REFERENCE: Proposed 1987 Capital Budget and Four Year Forecast

RECOMMENDATION:

1. That the 1987 Capital Budget and Four Year Forecast be adopted as presented.

2. That the Ontario Municipal Board be requested to approve a capital expenditure quota of $25,327,407 for 1987.

3. That the Region make application to the Ontario Municipal Board for a bulk order approval for the balance of the 1987 Capital Expenditure Quota in the amount of $19,327,407.

INTRODUCTION:

The 1987 Capital Budget and Four-Year Forecast to 1991 represents capital expenditures totalling $178,292,714. The budget is prepared on an "approval basis" so that expenditures are shown in the year in which approval of the capital project is required. Actual expenditure cash flows will vary depending on timing, phasing and magnitude of each project.

The annual debt charges resulting from borrowing requirements are projected on a cash flow requirement basis and are shown on page (i). The remaining sources of finance are grants and subsidies, current revenues and reserve and reserve funds.

General Purposes Capital Budget

The 1987 general capital budget program proposes an increase in debenture financing of approximately $7,500,000 over the 1986 budget. Some of the major reasons for the increase are the additional funding requirements for renovations at the Linhaven Home for the Aged, increased costs for the two new Homes for the Aged and provision for implementation of the Enhanced Emergency Telephone System (E911) which is new to the budget this year.

Also, the remaining allocation for the Police O.R.A.C.L.E. computerization and renovations has been advanced from the year 1988 to 1987. In addition, costs related to the Roads Rehabilitation program are projected to increase substantially over the next five year period to ensure that further deterioration of the system does not occur and that Roads are maintained at average conditions.

It should be noted that no provision has been made in the capital budget for costs related to additional accommodation requirements or computers.

Sewage Works and Waterworks Capital Budgets

The sewage and water works capital budgets reflect the latest revisions to those budgets as presented to the Public Works Committee on May 12, 1987. (DEA 305)

The capital spending program for sewage treatment and waterworks has increased substantially over the previous year due primarily to new Ministry of the Environment project requirements. In this regard, a brief has been submitted to the Federal Caucus on financing Niagara's Sewer and Water Systems. It emphasizes that financial support involving senior levels of Government is mandatory if this program is to be completed. That brief is still under consideration. The Provincial Minister of Environment, the Honourable James Bradley, recently announced a grant of $10.6 million to the Region of Niagara to assist in expansions and modifications to its sewage treatment systems and that additional Provincial funding is reflected in this budget..

The Ministry of Environment has also reviewed the Region's flow payments to the Ministry for repayment of the Region's sewage and water debt. Increased flows in recent years is generating a surplus position with the Province. Consequently, the Ministry has revised the flow rate. This revision will result in an annual reduction in payments of approximately $775,000 for sewage and $200,000 for waterworks. The impact of the reduction is shown on pages (iii) and (iv).

In light of the advancement of the alternative Water Supply project for Smithville to 1987 through full funding by the Ministry of the Environment, the gross cost of $5 million for this project in 1990 will no longer be required.

Debt Financing

Debenture requirements for the five year period total $80,313,874. This level is within the total debt capacity of the Region based on the criterion established by the Ontario Municipal Board for determining a municipality's capacity to incur new debt.

In February of this year, the Region applied for and received an O.M.B. Bulk Order approval for $6 million which was committed against the Region's 1987 Interim Capital Expenditure Quota of the same amount. This order approved $2,232,000 for the Police O.R.A.C.L.E. Computer compared to a revised debenture amount of $1,907,000 in this budget. The reduction of $325,000 will be written off the interim approval and an additional $325,000 added to the final bulk order approval application. In this regard, it is recommended that an application be made to the Ontario Municipal Board for an O.M.B. bulk order approval for the balance of $19,327,407.

In keeping with the Board's requirement, the Planning Director has reviewed the projects proposed and has confirmed compliance with the Official Plan of the Regional Municipality.

RESPECTFULLY SUBMITTED:

M. Trojan
Director of Finance

REVIEWED AND APPROVED:

M. H. Boggs
Chief Administrative Officer

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

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REGIONAL CORPORATION

Projected Debt Charge Summary ($000's)
Regional Corporation

	1987	1988	1989	1990	1991
Projected Debt Charges					
By Function					
General	4,323	5,828	5,802	6,656	6,804
Sewage Works	7,385	7,888	10,367	13,196	12,474
Waterworks	5,921	6,380	6,641	7,694	7,928
TOTAL	17,629	20,096	22,810	27,546	27,206

(1) All new debt has been assumed to be issued at an interest rate of 10%.

(2) New Roads debt has been assumed to be issued for a term of five years; new Sewage and Waterworks debt for a term of 10 years; Police, Homes for the Aged and General new debt for terms of 5 and 10 years.

(3) The 1990 debt charges include principal payments of $1,600,000 for sewage and $900,000 for water to retire the "balloon" debenture issued in 1980. Annual contributions to the Refundable Debenture Reserve Funds are provided in the current sewer and water budgets for retirement of this outstanding debt in 1990.

4311C

Projected Tax Supported Debt Charges ($000's)
Regional Corporation

Debt Charges Resulting From	1987	1988	1989	1990	1991
Existing Debt	4,323	4,117	2,829	2,307	1,548
Unfunded	-	620	831	831	831
1987 Capital Budget	-	1,091	1,732	1,927	1,992
1988-90 Capital Forecast	-	-	410	1,591	2,433
TOTAL	4,323	5,828	5,802	6,656	6,804

4311C

Projected Debt Charges for Sewage Projects ($000's)
Regional Corporation

	1987	1988	1989	1990	1991
Debt Charges Resulting From					
Existing Debt	4,281	4,254	3,959	5,302	3,337
Unfunded	-	130	816	816	816
M.O.E. Flow Payments	3,104	3,104	3,104	3,104	3,104
1987 Capital Budget	-	400	1,707	2,091	2,091
1988-90 Capital Forecast	-	-	781	1,883	3,126
TOTAL	7,385	7,888	10,367	13,196	12,474

4311C

Projected Debt Charges for Waterworks Projects ($000's)
Regional Corporation

	1987	1988	1989	1990	1991
Debt Charges Resulting From					
Existing Debt	4,166	4,300	3,959	4,817	3,709
Unfunded	-	293	362	362	362
M.O.E. Flow Payments	1,755	1,755	1,755	1,755	1,755
1987 Capital Budget	-	32	211	211	211
1988-90 Capital Forecast	-	-	354	549	1,891
TOTAL	5,921	6,380	6,641	7,694	7,928

4311C

Projection of 1987-1991 Debt Retirement ($000's)
Regional Corporation

	1987	1988	1989	1990	1991
General	2,798	3,653	3,460	4,040	4,170
Sewage Works	2,680	2,993	4,074	6,420	5,650
Waterworks	2,150	2,716	2,957	4,285	4,260
TOTAL	7,628	9,362	10,491	14,745	14,080

4311C

Existing and Projected Debenture Debt of the Regional Corporation ($000's)

	Debt as at Dec. 31. 1986	Unfunded Debt	Total	1987 Debt Retirement	1987 Program	Projected Debt at Dec. 31, 1987
General Government	3,404	313	3,717	727	1,130	4,120
Public Works - Roadways	5,865	351	6,216	1,432	2,153	6,937
Senior Citizens	580	3,100	3,680	130	5,672	9,222
Children's Aid	274	-	274	16	-	258
Hospitals	8	-	8	8	-	-
Police	2,916	575	3,491	485	1,907	4,913
	13,047	4,339	17,386	2,798	10,862	25,450
Sewage Works	19,240	5,013	24,253	2,231	12,842	34,864
M. of E. Sewage Works	26,081	-	26,081	449	-	25,632
	45,321	5,013	50,334	2,680	12,842	60,496
Waterworks	17,313	2,225	19,538	1,846	1,298	18,990
M. of E. Waterworks	15,046	-	15,046	304	-	14,742
	32,359	2,225	34,584	2,150	1,298	33,732
Total	90,727	11,577	102,304	7,628	25,002	119,678

The Regional Municipality of Niagara
Projected Debenture Debt of The Regional Corporation
1987-1991 ($ 000's)

	Projected Debt at Dec 31/87	1988 Debt Retirement	1988 Program	Projected Debt at Dec 31/88	1989 Debt Retirement	1989 Program	Projected Debt at Dec 31/89	1990 Debt Retirement	1990 Program	Projected Debt at Dec 31/90	1991 Debt Retirement	1991 Program	Projected Debt at Dec 31/91
General	25,450	3,653	4,887	26,684	3,460	4,040	27,264	4,040	3,051	26,275	4,170	6,472	28,577
Sewage Works	34,864	2,498	6,421	38,787	3,529	6,539	41,797	5,819	7,650	43,628	4,987	2,450	41,091
M. of E.	25,632	495	-	25,137	545	-	24,592	601	-	23,991	663	-	23,328
Total Sewage	60,496	2,993	6,421	63,924	4,074	6,539	66,389	6,420	7,650	67,619	5,650	2,450	64,419
Waterworks	18,990	2,381	2,172	18,781	2,588	10,285	26,478	3,878	1,344	23,944	3,812	-	20,132
M. of E.	14,742	335	-	14,407	369	-	14,038	407	-	13,631	448	-	13,183
Total Water	33,732	2,716	2,172	33,188	2,957	10,285	40,516	4,285	1,344	37,575	4,260	-	33,315
Grand Total	119,678	9,362	13,480	123,796	10,491	20,864	134,169	14,745	12,045	131,469	14,080	8,922	126,311

Total Debt Charges as a Percentage of Total Current Budget ($ 000's)

	1987	1988	1989	1990	1991
Total Current Budget (Inflationary factor of 5%)	175,545	183,272	192,436	202,058	212,161
Total Debt Charges	17,629	20,096	22,810	27,546	27,206
Percentage Debt Charges of Current Budget	10.1%	11.0%	11.9%	13.6%	12.8%

SECTION 1
SUMMARY

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

PROPOSED CAPITAL EXPENDITURES AND FINANCING SUMMARY

DEPARTMENT:

DIVISION:

	1987	1988	1989	1990	1991
EXPENDITURES: (BY PROGRAM)					
General: 911 Telephone System	1,630,600	-	-	-	-
Regional Police	2,507,000	-	1,350,000	500,000	450,000
Senior Citizens	11,814,100	70,000	123,000	-	8,000,000
Public Works: Regional Building	500,000	2,100,000	-	-	-
Roads	9,713,014	9,810,000	10,060,000	10,490,000	10,800,000
Sewage Works	21,720,000	12,000,000	11,025,000	11,400,000	6,700,000
Waterworks	8,490,000	5,400,000	15,630,000	5,110,000	900,000
TOTAL PROPOSED EXPENDITURES	56,374,714	29,380,000	38,188,000	27,500,000	26,850,000
SOURCE OF FINANCING:					
GRANTS & SUBSIDIES	19,692,057	8,237,883	8,463,950	6,254,500	10,312,700
CURRENT REVENUE	2,350,300	2,362,000	2,860,500	3,200,000	3,850,000
USER REVENUE	-	-	-	-	-
RESERVES	8,755,000	5,300,000	6,000,000	6,000,000	3,765,000
DEBENTURES - PRIOR TO 1987	356,150	-	-	-	-
- 1987 - 1991	25,002,407	13,480,117	20,863,550	12,045,500	8,922,300
OTHER	218,800	-	-	-	-
TOTAL PROPOSED FINANCING	56,374,714	29,380,000	38,188,000	27,500,000	26,850,000

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SECTION 2
GENERAL

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Finance
PROGRAM: 911 System
PROJECT YEAR: 1987

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
G.G.87-1	Implementation of an Enhanced Emergency Telephone System (E911)	1,567,600		437,000	Gen.Cap. Levy Resrv	1,130,600		1,130,600
G.G.87-2	Emergency Location Numbering System (E911)	63,000		63,000	Gen.Cap. Levy Resrv.	-		-
		1,630,600		500,000		1,130,600		1,130,600

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THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Finance
PROGRAM: 911 System

PROJECT DETAIL SHEET

PROJECT NO. G. G87-1

1. PROJECT TITLE, DESCRIPTION & LOCATION

Implementation of an Enhanced Emergency Telephone System (E911)

START DATE _____

COMPLETION _____

2. NEED FOR PROJECT:

As approved by Regional Council, February 5, 1987.

3. BENEFIT ALLOCATION:

(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	100
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
+ =	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	1,567,600
1987 COSTS	$ 1,567,600
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR _____	
YEAR _____	
TOTAL PROJECT COSTS	$ 1,567,600

4.(b) FINANCING:

CURRENT REVENUE	
GRANTS & SUBSIDIES	
RESERVES/RESERVE FUNDS	437,000
DEVELOPMENT FUNDS	
DEBENTURES	1,130,600
OTHER CONTRIBUTIONS:	
1987 FINANCING	$1,567,600
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR _____	
YEAR _____	
TOTAL PROJECT FINANCING	$1,567,600

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	567,600	
1988	1,000,000	
1989		
1990		
1991		
1992 and thereafter		
TOTAL	1,567,600	

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.) (est.)	8
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ 982,000

7. CONFORMS WITH TIE REGIONAL OFFICIAL PLAN

Alan Veale
Planning Department

B1001 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Finance
PROGRAM: 911 System

PROJECT DETAIL SHEET

PROJECT NO. G. G87-2

1. PROJECT TITLE, DESCRIPTION & LOCATION

Emergency Location Numbering System (E911)

START DATE _____

COMPLETION _____

2. NEED FOR PROJECT:

3. BENEFIT ALLOCATION:

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	100
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
+ =	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	63,000
1987 COSTS	$ 63,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR	
YEAR	
TOTAL PROJECT COSTS	$ 63,000

4.(b) FINANCING:

CURRENT REVENUE	
GRANTS & SUBSIDIES	
RESERVES/RESERVE FUNDS	63,000
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$63,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR	
YEAR	
TOTAL PROJECT FINANCING	$63,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	63,000	
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	63,000	

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.) _____

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ _____

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Alan Veale
Planning Department

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SECTION 3

BOARD OF COMMISSIONERS OF POLICE

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Regional Pclice
PROGRAM: 1987 Summary

PROJECT YEAR: 1987

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
NRP 87-1	O.R.A.C.L.E. Computerization and Renovations	2,242,000		600,000	Gen.Cap. Levy Reserve	1,642,000		1,642,000
NRP 87-2	Central Records Renovations	265,000				265,000		265,000
		2,507,000		600,000		1,907,000		1,907,000

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THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Regional Police
PROGRAM: Computerization

PROJECT DETAIL SHEET

PROJECT NO. NRP-87-1

1. PROJECT TITLE, DESCRIPTION & LOCATION

O.R.A.C.L.E. Computerization and Renovations

START DATE _____

COMPLETION _____

2. NEED FOR PROJECT:

3. BENEFIT ALLOCATION:

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
+ =	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	1,922,000
UTILITY RELOCATIONS	
OTHER:	320,000
1987 COSTS	$2,242,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR _____	
YEAR _____	
TOTAL PROJECT COSTS	$2,242,000

4.(b) FINANCING:

CURRENT REVENUE	
GRANTS & SUBSIDIES	
RESERVES/RESERVE FUNDS	600,000
DEVELOPMENT FUNDS	
DEBENTURES	1,642,000
OTHER CONTRIBUTIONS:	
1987 FINANCING	$2,242,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR _____	
YEAR _____	
TOTAL PROJECT FINANCING	$2,242,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	2,242,000	
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	2,242,000	

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	2
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ 60,000

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

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Planning Department

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THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Regional Police
PROGRAM: Retrofit

PROJECT DETAIL SHEET

PROJECT NO. NRP-87-2

1. PROJECT TITLE, DESCRIPTION & LOCATION

Central Records Renovations

START DATE _____

COMPLETION _____

2. NEED FOR PROJECT:

3. BENEFIT ALLOCATION:

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
+ =	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER: (Renovations Central Records)	265,000
1987 COSTS	$ 265,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR ____	
YEAR ____	
TOTAL PROJECT COSTS	$ 265,000

4.(b) FINANCING:

CURRENT REVENUE	
GRANTS & SUBSIDIES	
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	265,000
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 265,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR ____	
YEAR ____	
TOTAL PROJECT FINANCING	$ 265,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	265,000	
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	265,000	

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.) _____

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ _____

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Alan Veale
Planning Department

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THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara

DEPARTMENT: Niagara Regional Police

PROGRAM: Computerization

PROJECT YEAR: 1989

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
	Vehicle Terminals (mobile digital terminal	1,350,000.				1,350,000.		1,350,000.

(Rev1 - 1-81)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Niagara Regional Police
PROGRAM: Vehicle Terminals (~~Computerization~~)

PROJECT DETAIL SHEET

PROJECT NO. _____

1. PROJECT TITLE, DESCRIPTION & LOCATION

START DATE _____

COMPLETION _____

2. NEED FOR PROJECT:

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
+	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	1,350,000.
UTILITY RELOCATIONS	
OTHER:	
1989 COSTS	$ 1,350,000.
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR _____	
YEAR _____	
TOTAL PROJECT COSTS	$

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987		
1988		
1989	1,350,000.	
1990		
1991		
1992 and thereafter		
TOTAL	1,350,000.	

4.(b) FINANCING:

CURRENT REVENUE	
GRANTS & SUBSIDIES	
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	1,350,000.
OTHER CONTRIBUTIONS:	
1989 FINANCING	$ 1,350,000.
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR _____	
YEAR _____	
TOTAL PROJECT FINANCING	$

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.) _____

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ _____

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

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THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara

DEPARTMENT: Niagara Regional Police

PROGRAM: Property

PROJECT YEAR: 1990

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
	Property	500,000				500,000		500,000.

(Rev: 1-81)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara

DEPARTMENT: Niagara Regional Police

PROGRAM: Property

PROJECT DETAIL SHEET

PROJECT NO. _____

1. PROJECT TITLE, DESCRIPTION & LOCATION

START DATE _____

COMPLETION _____

2. NEED FOR PROJECT:

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	_____
(b) new or expanded service	_____
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
_____	
Res. _____ : Comm./Ind. _____	
_____ : _____	_____
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	_____
ENGINEERING	_____
PROPERTY	500,000.
EQUIPMENT	_____
UTILITY RELOCATIONS	_____
OTHER:	_____
1990 COSTS	$ 500,000.
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR _____	_____
YEAR _____	_____
TOTAL PROJECT COSTS	$ 500,000.

4.(b) FINANCING:

CURRENT REVENUE	_____
GRANTS & SUBSIDIES	_____
RESERVES/RESERVE FUNDS	_____
DEVELOPMENT FUNDS	_____
DEBENTURES	500,000.
OTHER CONTRIBUTIONS:	_____
1990 FINANCING	$ 500,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR _____	_____
YEAR _____	_____
TOTAL PROJECT FINANCING	$ 500,000.

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987		
1988		
1989		
1990	500,000.	
1991		
1992 and thereafter	_____	_____
TOTAL	500,000.	_____

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.) _____

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ _____

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

B1001 (Cap) (Rev: 3-86)

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THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara

DEPARTMENT: Niagara Regional Police

PROGRAM:

PROJECT YEAR: 1991

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
	Quartermaster Stores	450,000.				450,000.		450,000.

(Rev: 1-81)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara

DEPARTMENT: Niagara Regional Police

PROGRAM: Quartermaster Stores

PROJECT DETAIL SHEET

PROJECT NO. _____

1. PROJECT TITLE, DESCRIPTION & LOCATION

START DATE _____

COMPLETION _____

2. NEED FOR PROJECT:

3. BENEFIT ALLOCATION:

(i) Existing Population	
(a) repair or replace existing facility	450,000.
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
_____	
Res. + Comm./Ind.	
_____ + _____ =	_____
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	450,000.
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	
1991 COSTS	$ 450,000.
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR _____	
YEAR _____	
TOTAL PROJECT COSTS	$ 450,000.

4.(b) FINANCING:

CURRENT REVENUE	
GRANTS & SUBSIDIES	
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	450,000.
OTHER CONTRIBUTIONS:	
1991 FINANCING	$ 450,000.
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR _____	
YEAR _____	
TOTAL PROJECT FINANCING	$ 450,000.

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987		
1988		
1989		
1990		
1991	450,000.	
1992 and thereafter		
TOTAL	450,000.	

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.) _____

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ _____

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

B1001 (Cap) (Rev: 3-86)

SECTION 4
SENIOR CITIZENS

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM: 1987 SUMMARY
PROJECT YEAR: 1987

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
HA85-3	Fort Erie Home for the Aged	1,100,000	80,000	550,000	M.C.S.S.	470,000		470,000
HA85-4	Niagara-on-the-Lake Home for the Aged	4,905,100		2,452,550	M.C.S.S.	2,452,550		2,452,550
HA86-8	Linhaven Renovations	5,500,000		2,750,000	M.C.S.S.	2,750,000		2,750,000
	Sub Total:	11,505,100	80,000	5,752,550		5,672,550		5,672,550
HA-87-1	Linhaven Washer	22,000	11,000	11,000	M.C.S.S.			
HA-87-2	Linhaven Parking Lot Repairs	40,000	12,000	28,000	M.C.S.S.			
HA-87-3	Sunset Haven Revamp Heating - Phase IV	39,000	11,700	27,300	M.C.S.S.			
HA-87-4	Sunset Haven Furniture Replacement/Decor.	100,000	30,000	70,000	M.C.S.S.			
HA-87-5	Northland Furniture Replacement/Decor.	30,000	9,000	21,000	M.C.S.S.			
HA-87-6	Dorchester Manor Van	24,000	7,200	16,800	M.C.S.S.			
HA-87-7	Dorchester Manor Furniture Replac.	30,000	9,000	21,000	M.C.S.S.			
HA-87-8	Linhaven Day Care Van	24,000	12,000	12,000	M.C.S.S.			
	Sub Total:	309,000	101,900	207,100		-0-		-0-
	TOTAL:	11,814,100	181,900	5,959,650		5,672,550		5,672,550

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THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET

PROJECT NO. HA85-3

1. PROJECT TITLE, DESCRIPTION & LOCATION

FORT ERIE HOME FOR THE AGED

START DATE May 1, 1987

COMPLETION May 1, 1988

2. NEED FOR PROJECT:

Construction of 80-bed facility to replace beds that will be lost through renovations at Linhaven and Sunset Haven.

3. BENEFIT ALLOCATION:

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	100
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	1,100,000
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 1,100,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR 1985	2,800,000
YEAR 1986	1,300,000
TOTAL PROJECT COSTS	$ 5,200,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (1987)	300,000	-
1987	3,050,000	2,000,000
1988	1,850,000	600,000
1989		
1990		
1991		
1992 and thereafter		
TOTAL	5,200,000	2,600,000

4.(b) FINANCING:

CURRENT REVENUE	80,000
GRANTS & SUBSIDIES	550,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	470,000
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 1,100,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR 1985	2,800,000
YEAR 1986	1,300,000
TOTAL PROJECT FINANCING	$ 5,200,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	54
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ 2,100,000

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1001 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA85-1

1. PROJECT TITLE, DESCRIPTION & LOCATION

NIAGARA-ON-THE-LAKE
HOME FOR THE AGED

START DATE May 1, 1987
COMPLETION May 1, 1988

2. NEED FOR PROJECT:

Construction of 80 bed facility to replace beds that will be lost through renovations at Linhaven and Sunset Haven.

3. BENEFIT ALLOCATION:

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	100
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	4,395,100
ENGINEERING	
PROPERTY	
EQUIPMENT	510,000
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$4,905,100
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR 1985	200,000
YEAR	
TOTAL PROJECT COSTS	$5,105,100

4.(b) FINANCING:

CURRENT REVENUE	
GRANTS & SUBSIDIES	2,452,550
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	2,452,550
OTHER CONTRIBUTIONS:	
1987 FINANCING	$4,905,100
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR 1985	200,000
YEAR	
TOTAL PROJECT FINANCING	$5,105,100

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	3,300,000	1,650,000
1988	1,805,100	902,550
1989		
1990		
1991		
1992 and thereafter		
TOTAL	5,105,100	2,552,550

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	54
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$2,100,000

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1001 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA86-8

1. PROJECT TITLE, DESCRIPTION & LOCATION

LINHAVEN RENOVATIONS

START DATE April 1, 1988

COMPLETION April 1, 1991

2. NEED FOR PROJECT:

Updating and renovating to comply with current standards, per architectural study.

3. BENEFIT ALLOCATION:

	%
(I) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(II) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	5,500,000
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 5,500,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR 1985	2,500,000
YEAR	
TOTAL PROJECT COSTS	$ 8,000,000

4.(b) FINANCING:

CURRENT REVENUE	
GRANTS & SUBSIDIES	2,750,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	2,750,000
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 5,500,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR 1985	2,500,000
YEAR	
TOTAL PROJECT FINANCING	$ 8,000,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	400,000	200,000
1988	1,900,000	950,000
1989	2,500,000	1,250,000
1990	2,500,000	1,250,000
1991	700,000	350,000
1992 and thereafter	--	--
TOTAL	8,000,000	4,000,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.) (38)

ESTIMATED INCREMENTAL OPERATING COSTS/YR ($1,200,000)

The above figures are reductions.

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1001 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Senior Citizens
PROGRAM:

PROJECT DETAIL SHEET

PROJECT NO. HA 87-1

1. PROJECT TITLE, DESCRIPTION & LOCATION

Linhaven Washer

START DATE July 1, 1987

COMPLETION July 1, 1987

2. NEED FOR PROJECT:

Existing machine is twelve years old and requires significant costly repairs. Replacement at this time is a cost-effective solution

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res: ___ + Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	22,000
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 22,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR ____	
YEAR ____	
TOTAL PROJECT COSTS	$ 22,000

4.(b) FINANCING:

CURRENT REVENUE	11,000
GRANTS & SUBSIDIES	11,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 22,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR ____	
YEAR ____	
TOTAL PROJECT FINANCING	$ 22,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19__)		
1987	22,000	11,000
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	22,000	11,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	nil
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

51601 (Cat.) (Rev. 1-84)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Senior Citizens
PROGRAM:

PROJECT DETAIL SHEET

PROJECT NO. HA 87-2

1. PROJECT TITLE, DESCRIPTION & LOCATION

Linhaven Parking Lot Repairs

START DATE: August 1, 1987
COMPLETION: August 31, 1987

2. NEED FOR PROJECT:

Existing surface is severely cracked and requires replacement to avoid serious safety problems and unacceptable appearance. Existing surface is twenty years old and can no longer be effectively patched

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. ___ % Comm./Ind. ___ %	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	40,000
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 40,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR ____	
YEAR ____	
TOTAL PROJECT COSTS	$ 40,000

4.(b) FINANCING:

CURRENT REVENUE	12,000
GRANTS & SUBSIDIES	28,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 40,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR ____	
YEAR ____	
TOTAL PROJECT FINANCING	$ 40,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19__)		
1987	40,000	28,000
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	40,000	28,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	nil
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

[illegible] (Cap) (Rev. 1-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara

DEPARTMENT: Senior Citizens

PROGRAM:

PROJECT DETAIL SHEET

PROJECT NO HA 87-3

1. PROJECT TITLE, DESCRIPTION & LOCATION

Sunset Haven Revamp Heating - Phase IV

START DATE July 1, 1987

COMPLETION August 31, 1987

2. NEED FOR PROJECT:

This is the final phase of the overall conversion from steam to hot water or electrical heating. This phase will remove steam boilers and related equipment and replace hot water storage tanks.

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. ____ + Comm./Ind. ____	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	39,000
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 39,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR 1986	65,000
YEAR 83-85	222,000
TOTAL PROJECT COSTS	$ 326,000

4.(b) FINANCING:

CURRENT REVENUE	11,700
GRANTS & SUBSIDIES	27,300
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 39,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR 1986	65,000
YEAR 83-85	222,000
TOTAL PROJECT FINANCING	$326,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19	287,000	200,900
1987	39,000	27,300
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	326,000	228,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	nil
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Ben Veale

Planning Department

B1001 (Cap) (Rev. 1-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Senior Citizens
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA 87-4

1. PROJECT TITLE, DESCRIPTION & LOCATION

Sunset Haven Furniture Replacement/Decorating

START DATE: July 1, 1987
COMPLETION: August 31, 1987

2. NEED FOR PROJECT:

To replace worn wallcoverings to replace or refinish bedside tables, couches, lounging chairs. Design and structure of older seating furniture does not meet the needs for support of the more frail resident.

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. ___ % Comm./Ind. ___ %	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	100,000
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 100,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR ____	
YEAR ____	
TOTAL PROJECT COSTS	$ 100,000

4.(b) FINANCING:

CURRENT REVENUE	30,000
GRANTS & SUBSIDIES	70,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 100,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR ____	
YEAR ____	
TOTAL PROJECT FINANCING	$ 100,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	100,000	70,000
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	100,000	70,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.) 3.1

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ 0.1

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Brian Wade
Planning Department

B1001 (Cat) (Rev. 1-81)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Senior Citizens
PROGRAM:

PROJECT DETAIL SHEET

PROJECT NO. HA 87-5

1. PROJECT TITLE, DESCRIPTION & LOCATION

Northland Manor Furniture Replacement/Decorating

START DATE July 1, 1987

COMPLETION August 31, 1987

2. NEED FOR PROJECT:

To replace or refinish worn furniture in sitting areas, replace worn wallcoverings in corridors and sitting areas.

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. , Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	30,000
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 30,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR	
YEAR	
TOTAL PROJECT COSTS	$ 30,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	30,000	21,000
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	30,000	21,000

4.(b) FINANCING:

CURRENT REVENUE	9,000
GRANTS & SUBSIDIES	21,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 30,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR	
YEAR	
TOTAL PROJECT FINANCING	$ 30,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	nil
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Allen Veale
Planning Department

B1001 (Cap) (Rev. 1-84)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Senior Citizens
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA 87-6

1. PROJECT TITLE, DESCRIPTION & LOCATION

Dorchester Manor Van

START DATE May 1, 1987
COMPLETION May 1, 1987

2. NEED FOR PROJECT:

Replacement of ten year old vehicle which requires extensive mechanical and body work repairs to comply with safety standards.

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. ____ + Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	24,000
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 24,000
Prior/SUBSEQUENT YEAR COSTS:	
YEAR	
YEAR	
TOTAL PROJECT COSTS	$ 24,000

4.(b) FINANCING:

CURRENT REVENUE	7,200
GRANTS & SUBSIDIES	16,800
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 24,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR	
YEAR	
TOTAL PROJECT FINANCING	$ 24,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	24,000	16,800
1988		
1989		
1990		
1991		
1992 and Thereafter		
TOTAL	24,000	16,800

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	nil
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1091 (Cap) (Rev. 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA
1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Senior Citizens
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA 87-7

1. PROJECT TITLE, DESCRIPTION & LOCATION

Dorchester Manor Furniture Replacement/Decorating

START DATE July 1, 1987
COMPLETION August 31, 1987

2. NEED FOR PROJECT:

To update furniture to provide more comfortable seating for the increased number of frail residents. Dining room furniture will be updated to accommodate more wheelchair residents.

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. ___ % Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	30,000
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 30,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR 1988	30,000
YEAR	
TOTAL PROJECT COSTS	$ 60,000

4.(b) FINANCING:

CURRENT REVENUE	9,000
GRANTS & SUBSIDIES	21,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 30,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR 1988	30,000
YEAR	
TOTAL PROJECT FINANCING	$ 60,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	30,000	21,000
1988	30,000	21,000
1989		
1990		
1991		
1992 and Thereafter		
TOTAL	60,000	42,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	nil
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1001 (Cat) (Rev: 1-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT: Senior Citizens
PROGRAM:

PROJECT DETAIL SHEET

PROJECT NO. HA 87-8

1. PROJECT TITLE, DESCRIPTION & LOCATION

Linhaven Day Care Van

START DATE May 1, 1987

COMPLETION May 1, 1987

2. NEED FOR PROJECT:

Replacement of ten year old vehicle which requires extensive mechanical and body work repairs to comply with safety standards.

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. ___ % Comm./Ind. ___ %	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	24,000
UTILITY RELOCATIONS	
OTHER:	
1987 COSTS	$ 24,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR ____	
YEAR ____	
TOTAL PROJECT COSTS	$ 24,000

4.(b) FINANCING:

CURRENT REVENUE	12,000
GRANTS & SUBSIDIES	12,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1987 FINANCING	$ 24,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR ____	
YEAR ____	
TOTAL PROJECT FINANCING	$ 24,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	24,000	12,000
1988		
1989		
1990		
1991		
1992 and thereafter		
TOTAL	24,000	12,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	nil
ESTIMATED INCREMENTAL OPERATING COSTS/YR	$ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Allen Wade

Planning Department

31001 (Cap) (Rev. 1-87)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM: 1988 SUMMARY

PROJECT YEAR: 1988

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
HA88-1	Linhaven Parking Lot Repairs	40,000	20,000	20,000	M.C.S.S.			
HA88-2	Dorchester Furniture Replacement/Decorating	30,000	9,000	21,000	M.C.S.S.			

(Rev: - 1-81)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA88-1

1. PROJECT TITLE, DESCRIPTION & LOCATION

LINHAVEN PARKING LOT REPAIRS

START DATE July 1, 1988
COMPLETION August 1, 1988

2. NEED FOR PROJECT:

Existing surface is severely cracked and requires replacement to avoid serious safety problems and unacceptable appearance. Existing surface is twenty years old and can no longer be effectively patched

3. BENEFIT ALLOCATION:

	$
(I) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(II) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. - Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	40,000
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	
1988 COSTS	$ 40,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR 1987	40,000
YEAR	
TOTAL PROJECT COSTS	$ 80,000

4.(b) FINANCING:

CURRENT REVENUE	20,000
GRANTS & SUBSIDIES	20,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1988 FINANCING	$ 40,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR 1987	40,000
YEAR	
TOTAL PROJECT FINANCING	$ 80,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	40,000	28,000
1988	40,000	20,000
1989		
1990		
1991		
1992 and thereafter		
TOTAL	80,000	48,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1001 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA88-2

1. PROJECT TITLE, DESCRIPTION & LOCATION

DORCHESTER MANOR FURNITURE REPLACEMENT/DECORATING

START DATE June 1, 1988
COMPLETION July 1, 1988

2. NEED FOR PROJECT:

As part of the overall plan of decorating and updating furniture, dining room and lounge furniture Will be replaced with more comfortable items which will accommodate more wheelchair residents.

3. BENEFIT ALLOCATION:

	%
(I) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(II) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. % Comm./Ind. %	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	30,000
UTILITY RELOCATIONS	
OTHER:	
1988 COSTS	$ 30,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR 1987	30,000
YEAR	
TOTAL PROJECT COSTS	$ 60,000

4.(b) FINANCING:

CURRENT REVENUE	9,000
GRANTS & SUBSIDIES	21,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUND:	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1988 FINANCING	$ 30,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR 1987	30,000
YEAR	
TOTAL PROJECT FINANCING	$ 60,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987	30,000	21,000
1988	30,000	21,000
1989		
1990		
1991		
1992 and thereafter		
TOTAL	60,000	42,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

BIDDI (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:
PROJECT YEAR: 1989

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
HA89-1	Linhaven Dishwasher	40,000	12,000	28,000	M.C.S.S.			
HA89-2	Sunset Haven Wooden Door Replacement	20,000	6,000	14,000	M.C.S.S.			
HA89-3	Sunset Haven Automatic Sliding Doors	20,000	6,000	14,000	M.C.S.S.			
HA89-4	Dorchester Parking Lot Repairs	43,000	21,500	21,500	M.C.S.S.			
	TOTAL:	123,000	45,500	77,500		—		—

B1002 (Cap) (Rev: - 1-81)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA89-1

1. PROJECT TITLE, DESCRIPTION & LOCATION

LINHAVEN DISHWASHER

START DATE May 1, 1989
COMPLETION May 1, 1989

2. NEED FOR PROJECT:

Existing machine requires significant costly repairs. Replacement at this time is a cost effective solution.

3. BENEFIT ALLOCATION:

	$	
(I) Existing Population		
(a) repair or replace existing facility	100	
(b) new or expanded service		
(II) New/Future Population (i.e. oversizing cost in anticipation of growth)		
Res. + Comm./Ind.		
+		
Total	100	

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	40,000
UTILITY RELOCATIONS:	
OTHER:	
1989 COSTS	$ 40,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR	
YEAR	
TOTAL PROJECT COSTS	$ 40,000

4.(b) FINANCING:

CURRENT REVENUE	12,000
GRANTS & SUBSIDIES	28,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1989 FINANCING	$ 40,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR	
YEAR	
TOTAL PROJECT FINANCING	$ 40,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987		
1988		
1989	40,000	28,000
1990		
1991		
1992 and thereafter		
TOTAL	40,000	28,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1001 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA89-2

1. PROJECT TITLE, DESCRIPTION & LOCATION

SUNSET HAVEN WOODEN DOOR REPLACEMENT

START DATE June 1, 1989
COMPLETION July 1, 1989

2. NEED FOR PROJECT:

Replacement of resident room doors which have become badly damaged by wheelchairs, beds, etc. Includes replacement of hinges, door knobs, latch assembly and door closers.

3. BENEFIT ALLOCATION:

	$
(I) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(II) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
+	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	20,000
UTILITY RELOCATIONS	
OTHER	
1989 COSTS	$ 20,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR	
YEAR	
TOTAL PROJECT COSTS	$ 20,000

4.(b) FINANCING:

CURRENT REVENUE	6,000
GRANTS & SUBSIDIES	14,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1989 FINANCING	$ 20,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR	
YEAR	
TOTAL PROJECT FINANCING	$ 20,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987		
1988		
1989	20,000	14,000
1990		
1991		
1992 and thereafter		
TOTAL	20,000	14,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)

ESTIMATED INCREMENTAL OPERATING COSTS/YR $ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1091 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA89-3

1. PROJECT TITLE, DESCRIPTION & LOCATION

SUNSET HAVEN AUTOMATIC SLIDING DOORS

START DATE June 1, 1989
COMPLETION July 1, 1989

2. NEED FOR PROJECT:

Automatic sliding doors for ambulance entrance, including reconstruction of outside wall to accommodate doors. To aid in traffic flow and reduce drafts from existing doors.

3. BENEFIT ALLOCATION:

	%
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	
ENGINEERING	
PROPERTY	
EQUIPMENT	20,000
UTILITY RELOCATIONS	
OTHER:	
1989 COSTS	$ 20,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR	
YEAR	
TOTAL PROJECT COSTS	$ 20,000

4.(b) FINANCING:

CURRENT REVENUE	6,000
GRANTS & SUBSIDIES	14,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1989 FINANCING	$ 20,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR	
YEAR	
TOTAL PROJECT FINANCING	$ 20,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987		
1988		
1989	20,000	14,000
1990		
1991		
1992 and thereafter		
TOTAL	20,000	14,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)
ESTIMATED INCREMENTAL OPERATING COSTS/YR $ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1001 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA89-4

1. PROJECT TITLE, DESCRIPTION & LOCATION

DORCHESTER MANOR PARKING LOT REPAIRS

START DATE July 1, 1989
COMPLETION August 1, 1989

2. NEED FOR PROJECT:

Removal of centre island in front parking lot for better snow removal, resurfacing and reallocation of parking spaces including provision for handicapped parking.

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. % Comm./Ind. %	
Total	100

4 (a) CAPITAL COSTS:

CONSTRUCTION	43,000
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	
1989 COSTS	$ 43,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR	
YEAR	
TOTAL PROJECT COSTS	$ 43,000

4 (b) FINANCING:

CURRENT REVENUE	21,500
GRANTS & SUBSIDIES	21,500
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	
OTHER CONTRIBUTIONS:	
1989 FINANCING	$ 43,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR	
YEAR	
TOTAL PROJECT FINANCING	$ 43,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987		
1988		
1989	43,000	21,500
1990		
1991		
1992 and thereafter		
TOTAL	43,000	21,500

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)
ESTIMATED INCREMENTAL OPERATING COSTS/YR $ nil

7. CONFORMS WITH THE REGIONAL OFFICIAL PLAN

Planning Department

B1001 (Cap) (Rev: 3-86)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL, NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT YEAR: 1991

PROJECT NUMBER	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR APPROVALS	O. M. B. APPROVAL REQUIRED
			CURRENT REVENUE	SUBSIDY & CONTRIBUTIONS				
				AMOUNT	SOURCE			
HA91-1	Sunset Haven Renovations	8,000,000	250,000	4,000,000	M.C.S.S.	3,750,000		3,750,000
	TOTAL:	8,000,000	250,000	4,000,000	M.C.S.S.	3,750,000		3,750,000

8002 (Cap) (Rev: - 1-81)

THE REGIONAL MUNICIPALITY OF NIAGARA

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: REGIONAL NIAGARA
DEPARTMENT: SENIOR CITIZENS
PROGRAM:

PROJECT DETAIL SHEET
PROJECT NO. HA91-1

1. PROJECT TITLE, DESCRIPTION & LOCATION

SUNSET HAVEN RENOVATIONS

START DATE April 1, 1991
COMPLETION April 1, 1994

2. NEED FOR PROJECT:

Updating and renovating to comply with current standards, per architectural study.

3. BENEFIT ALLOCATION:

	$
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Res. + Comm./Ind.	
Total	100

4.(a) CAPITAL COSTS:

CONSTRUCTION	8,000,000
ENGINEERING	
PROPERTY	
EQUIPMENT	
UTILITY RELOCATIONS	
OTHER:	
1991 COSTS	$8,000,000
PRIOR/SUBSEQUENT YEAR COSTS:	
YEAR	
YEAR	
TOTAL PROJECT COSTS	$8,000,000

4.(b) FINANCING:

CURRENT REVENUE	250,000
GRANTS & SUBSIDIES	1,000,000
RESERVES/RESERVE FUNDS	
DEVELOPMENT FUNDS	
DEBENTURES	3,750,000
OTHER CONTRIBUTIONS:	
1991 FINANCING	$8,000,000
PRIOR/SUBSEQUENT YEAR FINANCING:	
YEAR	
YEAR	
TOTAL PROJECT FINANCING	$8,000,000

5. CASH FLOW:

	Expenditures $	Revenues $
Prior to Budget (19)		
1987		
1988		
1989		
1990	200,000	100,000
1991	2,000,000	1,000,000
1992 and thereafter	5,800,000	2,900,000
TOTAL	8,000,000	4,000,000

6. EFFECT ON REVENUE BUDGET:

NEW STAFF (No.)	(38)
ESTIMATED INCREMENTAL OPERATING COSTS/YR	($1,200,000)

The above figures are reductions.

7. CONFORMS WITH OR REGIONAL OFFICIAL PLAN

Planning Department

BI991 (Cap) (Rev: 3-86)

SECTION 5

PUBLIC WORKS

REGIONAL BUILDINGS

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALTY:Regional Niagara
DEPARTMENT :Public Works
PROGRAM :Regional Building PROJECT YEAR: 1987

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
RB87-1	Thorold Patrol Yard Phase III Developement (Fleet and Building Maintenance) - Site services and design fees	500,000			Gen. Cap. Reserve 300,000	200,000		200,000
	SUB-TOTAL	500,000	0	0	300,000	200,000	0	200,000

Revised May 4/87

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Regional Buildings

PROJECT DETAIL SHEET
PROJECT NO. RB87-1

1. PROJECT LOCATION & DESCRIPTION

Thorold Patrol Yard Phase III Development (Fleet and Building Maintenance), Thorold

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

4. (a) CAPITAL COST

Construction	
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$500,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$500,000

4. (b) FINANCING

Current Revenue	
MTC Subsidy	
Reserve Funds	300,000
Development Funds	
Debentures	200,000
Contributions	
1987 Financing:	$500,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$500,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALTY:Regional Niagara
DEPARTMENT :Public Works
PROGRAM :Regional Building PROJECT YEAR: 1988

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
RB87-1	Thorold Patrol Yard Phase III Developement (Fleet and Building Maintenance) - Construction	2,100,000			Gen. Cap. Reserve 300,000	1,800,000		1,800,000
	SUB-TOTAL	2,100,000	0	0	300,000	1,800,000	0	1,800,000

Revised May 4/87

SECTION 6

PUBLIC WORKS

ROADS

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALTY:Regional Niagara
DEPARTMENT :Public Works
PROGRAM :Roads

PROJECT YEAR: 1987

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
R82-1	Reconstruction of N.R. 91 (Westchester Cr) Phase II from Oakdale Avenue to Queenston Street, St. Catharines	662,600	0	240,800	City 181,000	240,800	167,000	73,800
R82-4	Reconstruction of N.R.31 (Ontario Road) Phase III from Beatrice St. to Dain Avenue, Welland	250,000	29,200	116,100	City 6,100 11,700	86,900	86,900	0
R85-2	Widening of N.R. 50 (Niagara St) at Woodlawn Road, Welland	330,000	0	155,000	DORAL 20,000	155,000	0	155,000
R85-7	Deck replacement on O'Reilly's Bridge over Welland River, Pelham/ Wainfleet	204,500	0	102,250	0	102,250	102,250	0
R86-4	Functional Planning Study for N.R. 81 from N.R. 24 to N.R. 26 through Jordan Valley, Lincoln	30,000	15,000	15,000	0	0	0	0
R87-1	Waterproofing of N.R. 29 (East Main St) Bridge over the abandoned Welland Canal, Welland	165,000	0	0	Canal Fund 165,000	0	0	0
	SUB-TOTAL	1,642,100	44,200	629,150	383,800	584,950	356,150	228,800

MTC subsidy at 50%

Revised May 4/87

MUNICIPALTY:Regional Niagara
DEPARTMENT :Public Works
PROGRAM :Roads

PROJECT YEAR: 1987

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
R87-2	Replacement of Structure No. 01601 on N.R.16 (Port Davidson Road), south of N.R.614, West Lincoln	265,000	0	132,500		132,500	0	132,500
R87-3	Waterproofing and repairs to N.R.27 (East Main St.) Bridge over CNR, Welland	185,000	0	92,500		92,500	0	92,500
R87-4	Bridge Inspection Program	50,000	25,000	25,000		0	0	0
R87-5	Roads Rehabilitation Program	6,055,914	1,541,473	3,015,684		1,498,757	0	1,498,757
R87-6	Storm Sewer Cost Sharing	200,000	100,000	100,000		0	0	0
R87-7	Railroad Xing Improvement	30,000	15,000	15,000		0	0	0
R87-8	Traffic Signal Program	200,000	100,000	100,000		0	0	0
R87-9	Drainage Assessments	25,000	12,500	12,500		0	0	0
R87-10	Road Betterment Program	150,000	75,000	75,000		0	0	0
R87-11	Miscellaneous Properties	75,000	37,500	37,500		0	0	0
	SUB-TOTAL	8,878,014	1,950,673	4,234,834	383,800	2,308,707	356,150	1,952,557

Revised May 4/87

MUNICIPALTY:Regional Niagara
DEPARTMENT :Public Works
PROGRAM :Roads

PROJECT YEAR: 1987

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
*R87-12	Repairs to N.R. 27 (Wellandport Road) Bridge West Lincoln	168,000	15,273	152,727		0	0	0
*R87-13	Waterproofing and repairs to N.R. 51 (Lundy's Lane) Bridge, Niagara Falls	192,000	17,455	174,545		0	0	0
*R87-14	Foundation repairs to N.R. 87 (Lakeport Road) Bridge, St. Catharines	216,000	19,635	196,365	-	0	0	0
*R87-15	Deck replacement on N.R. 8 (Wolverton Road) Bridge Grimsby	169,000	15,364	153,636		0	0	0
R87-16	Deck Overlay on Broadway Street Bridge, Welland	90,000	0	0	Canal Fund 90,000	0	0	0
	* Projects R87-12 to R87-15 have been included under OMIF program for MTC approval at a subsidy rate of 90.909%							
	SUB-TOTAL	9,713,014	2,018,400	4,912,107	473,800	2,308,707	356,150	1,952,557
	Roads Maintenance - M.T.C subsidizable portion	9,686,385	4,843,193	160,000* 4,843,193				
	TOTAL	19,399,399	6,861,593	9,915,300	473,800	2,308,707	356,150	1,952,557

MTC subsidy at 50%

* The reduction of Winter Maintenance allocation by $400,000 has resulted in $200,000 MTC subsidy, of which $40,000 has been applied to R85-2 with the balance to be applied to overhead and other projects.

Revised May 4/87

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R82-1

1. PROJECT LOCATION & DESCRIPTION

Reconstruction of Niagara Road 91 (Westchester Crescent) Phase II from Oakdale Avenue to Queenston Street, St. Catharines

Proposed Start Date: May 1987

Proposed Completion Date: August 1987

2. NEED FOR PROJECT

This is the final phase of the Westchester Cresent reconstruction from Hwy 406 to Queenston Street. This project was initiated in 1982. Due to financial constraints, funds could not be made available to implement the construction. Property acquisitions and utility relocations have been completed.

4. (a) CAPITAL COST

Construction	508,600
Engineering	35,000
Property	
Utility Relocations	60,000
Traffic Signal	
Others	59,000
1987 COSTS	$662,600
Prior/Subsequent year costs:	
Year 1985	50,000
Year 1986	1,390,000
TOTAL PROJECT COST:	$2,102,600

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	_____
(b) new or expanded service	_____
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	_____
Total =	100

4. (b) FINANCING

Current Revenue	
MTC Subsidy	240,800
Reserve Funds	
Development Funds	
Debentures	240,800
Contributions	181,000
1987 Financing:	$662,600
Prior/subsequent year financing	
Year 1985	50,000
Year 1986	1,390,000
TOTAL FINANCING:	$2,102,600

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R82-4

1. PROJECT LOCATION & DESCRIPTION

Reconstruction of Niagara Road 31 (Ontario Road) Phase III from Beatrice Street to Dain Avenue, Welland

Proposed Start Date: June 1987

Proposed Completion Date: September 1987

2. NEED FOR PROJECT

This is the final phase of the Ontario Road reconstruction from Southworth Street to King Street, initiated in 1982. The postponement of the construction of Phase III was occasioned by the relocation of the TH&B spur line, which was formerly owned by ConRail.

4. (a) CAPITAL COST

Construction	110,000
Engineering	20,000
Property	
Utility Relocations	
Traffic Signal	
Others	120,000
1987 COSTS	$250,000
Prior/Subsequent year costs:	
Year 1982-86	922,600
Year	
TOTAL PROJECT COST:	$1,172,600

4. (b) FINANCING

Current Revenue	
MTC Subsidy	116,100
Reserve Funds	29,200
Development Funds	
Debentures	86,900
Contributions	17,800
1987 Financing:	$250,000
Prior/subsequent year financing	
Year 1982-86	922,600
Year	
TOTAL FINANCING:	$1,172,600

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	_____
(b) new or expanded service	_____
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R85-2

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Widening of Niagara Road 50 (Niagara Street) at Woodlawn Road, Welland	Construction	210,000	Current Revenue	
	Engineering	25,000	MTC Subsidy	155,000
	Property		Reserve Funds	
Proposed Start Date: May 1987	Utility Relocations	80,000	Development Funds	
Proposed Completion Date: August 1987	Traffic Signal		Debentures	155,000
2. NEED FOR PROJECT	Others	15,000	Contributions	20,000
	1987 COSTS	$330,000	1987 Financing:	$330,000
The MTC will be constructing a new canal crossing on Woodlawn Road R-O-W as part of Hwy 406 Phase I extension in Welland. It is necessay for Niagara to upgrade the existing section of Woodlawn Road from the Public Works Canada lands to Niagara Street to design standards to meet the future traffic requirements and to tie-in with MTC work by the year 1989. This is the first phase of the project involving the widening of Niagara Street at Woodlawn Road.	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year 1985	30,000	Year 1985	30,000
	Year 1986	20,000	Year 1986	20,000
	TOTAL PROJECT COST:	$380,000	TOTAL FINANCING:	$380,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	x		New Staff (no.)	_____
	(i) Existing Population			
	(a) repair or replace existing facility	_____	Est. Incremental Operating Cost/yr $	_____
	(b) new or expanded service	_____	7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
		_____	Planning Department	
	Total =	100		

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R85-7

11. PROJECT LOCATION & DESCRIPTION	14. (a) CAPITAL COST		14. (b) FINANCING	
Deck Replacement on O'Reilly's Bridge over Welland River, Pelham/Wainfleet	Construction	155,000	Current Revenue	
	Engineering	35,000	MTC Subsidy	102,250
	Property		Reserve Funds	
Proposed Start Date: January 1987	Utility Relocations		Development Funds	
Proposed Completion Date: May 1987	Traffic Signal		Debentures	102,250
12. NEED FOR PROJECT	Others	14,500	Contributions	
This is a carry-over project from 1986.	1987 COSTS	$204,500	1987 Financing:	$204,500
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year 1985	30,000	Year 1985	30,000
	Year		Year	
	TOTAL PROJECT COST:	$234,500	TOTAL FINANCING:	$234,500
	13. BENEFIT ALLOCATION		16. EFFECT ON REVENUE BUDGET	
	%		New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		17. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R86-4

11. PROJECT LOCATION & DESCRIPTION

Functional Planning Study for Niagara Road 81 from Niagara Road 24 to Niagara Road 26 through Jordan Valley, Town of Lincoln

Proposed Start Date:

Proposed Completion Date:

12. NEED FOR PROJECT

14. (a) CAPITAL COST

Construction	
Engineering	30,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$30,000
Prior/Subsequent year costs:	
Year 1986	80,000
Year	
TOTAL PROJECT COST:	$110,000

14. (b) FINANCING

Current Revenue	
MTC Subsidy	15,000
Reserve Funds	15,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	$30,000
Prior/subsequent year financing	
Year 1986	80,000
Year	
TOTAL FINANCING:	$110,000

13. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

16. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

17. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. RB7-1

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Waterproofing of Niagara Road 29 (East Main Street) Bridge over the Abandoned Welland Canal, City of Welland	Construction		Current Revenue	
	Engineering		MTC Subsidy	
	Property		Reserve Funds	
Proposed Start Date: July 1987	Utility Relocations		Development Funds	
Proposed Completion Date: September 1987	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Canal Fund	165,000
	1987 COSTS	$165,000	1987 Financing:	$165,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$165,000	TOTAL FINANCING:	$165,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-2

1. PROJECT LOCATION & DESCRIPTION

Replacement of Structure No. 01601 on Niagara Road 16 (Port Davidson Road) south of Niagara Road 614, West Lincoln

Proposed Start Date: May 1987

Proposed Completion Date: August 1987

2. NEED FOR PROJECT

4. (a) CAPITAL COST

Construction	246,000
Engineering	15,000
Property	
Utility Relocations	
Traffic Signal	
Others	4,000
1987 COSTS	$265,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$265,000

4. (b) FINANCING

Current Revenue	
MTC Subsidy	132,500
Reserve Funds	
Development Funds	
Debentures	132,500
Contributions	
1987 Financing:	$265,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$265,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-3

11. PROJECT LOCATION & DESCRIPTION	14. (a) CAPITAL COST		14. (b) FINANCING	
Waterproofing and Repairs to Niagara Road 27 (East Main Street) Bridge over CNR, Welland	Construction		Current Revenue	
	Engineering		MTC Subsidy	92,500
	Property		Reserve Funds	
Proposed Start Date: June 1987	Utility Relocations		Development Funds	
Proposed Completion Date: July 1987	Traffic Signal		Debentures	92,500
12. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$185,000	1987 Financing:	$185,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$185,000	TOTAL FINANCING:	$185,000
	13. BENEFIT ALLOCATION		16. EFFECT ON REVENUE BUDGET	
	%		New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		17. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-4

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Bridge Inspection Program	Construction		Current Revenue	
	Engineering		MTC Subsidy	25,000
	Property		Reserve Funds	25,000
Proposed Start Date:	Utility Relocations		Development Funds	
Proposed Completion Date:	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$50,000	1987 Financing:	$50,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$50,000	TOTAL FINANCING:	$50,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	%		New Staff (no.)	
	(i) Existing Population			
	(a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)			
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-5

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Roads Rehabilitation Program	Construction		Current Revenue	
	Engineering		MTC Subsidy	3,015,684
	Property		Reserve Funds	1,541,473
Proposed Start Date:	Utility Relocations		Development Funds	
Proposed Completion Date:	Traffic Signal		Debentures	1,498,757
2. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$6,055,914	1987 Financing:	$6,055,914
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$6,055,914	TOTAL FINANCING:	$6,055,914
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population			
	(a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-6

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Storm Sewer Cost Sharing	Construction		Current Revenue	
	Engineering		MTC Subsidy	100,000
	Property		Reserve Funds	100,000
Proposed Start Date:	Utility Relocations		Development Funds	
Proposed Completion Date:	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$200,000	1987 Financing:	$200,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$200,000	TOTAL FINANCING:	$200,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	%		New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-7

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Railroad Crossing Improvement	Construction		Current Revenue	
	Engineering		MTC Subsidy	15,000
	Property		Reserve Funds	15,000
Proposed Start Date:	Utility Relocations		Development Funds	
Proposed Completion Date:	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$30,000	1987 Financing:	$30,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$30,000	TOTAL FINANCING:	$30,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-8

1. PROJECT LOCATION & DESCRIPTION

Traffic Signal Program

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

4. (a) CAPITAL COST

Construction	
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$100,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$100,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

4. (b) FINANCING

Current Revenue	
MTC Subsidy	100,000
Reserve Funds	100,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	$200,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$200,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-9

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Drainage Assessments	Construction		Current Revenue	
	Engineering		MTC Subsidy	12,500
	Property		Reserve Funds	12,500
Proposed Start Date:	Utility Relocations		Development Funds	
Proposed Completion Date:	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$25,000	1987 Financing:	$25,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$25,000	TOTAL FINANCING:	$25,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population		Est. Incremental	
	(a) repair or replace existing facility		Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-10

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Road Betterment Program	Construction		Current Revenue	
	Engineering		MTC Subsidy	75,000
	Property		Reserve Funds	75,000
Proposed Start Date:	Utility Relocations		Development Funds	
Proposed Completion Date:	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$150,000	1987 Financing:	$150,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$150,000	TOTAL FINANCING:	$150,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	%		New Staff (no.)	
	(i) Existing Population			
	(a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-11

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Miscellaneous Properties	Construction		Current Revenue	
	Engineering		MTC Subsidy	37,500
	Property		Reserve Funds	37,500
Proposed Start Date:	Utility Relocations		Development Funds	
Proposed Completion Date:	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$75,000	1987 Financing:	$75,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$75,000	TOTAL FINANCING:	$75,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	%		New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-12

1. PROJECT LOCATION & DESCRIPTION

Repairs to Niagara Road 27 (Wellanport) Bridge, West Lincoln

Proposed Start Date: July 1987

Proposed Completion Date: September 1987

2. NEED FOR PROJECT

4. (a) CAPITAL COST

Construction	
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$168,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$168,000

4. (b) FINANCING

Current Revenue	
MTC Subsidy	152,727
Reserve Funds	15,273
Development Funds	
Debentures	
Contributions	
1987 Financing:	$168,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$168,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-13

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
Waterproofing and Repairs to Niagara Road 51 (Lundy's Lane) Bridge, Niagara Falls	Construction		Current Revenue	
	Engineering		MTC Subsidy	174,545
	Property		Reserve Funds	17,455
Proposed Start Date: September 1987	Utility Relocations		Development Funds	
Proposed Completion Date: October 1987	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
	1987 COSTS	$192,000	1987 Financing:	$192,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$192,000	TOTAL FINANCING:	$192,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	%		New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Allen Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-14

11. PROJECT LOCATION & DESCRIPTION

Foundation Repairs to Niagara Road 87 (Lakeport Road) Bridge, St Catharines

Proposed Start Date: August 1987

Proposed Completion Date: November 1987

12. NEED FOR PROJECT

14. (a) CAPITAL COST

Construction	
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$216,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$216,000

14. (b) FINANCING

Current Revenue	
MTC Subsidy	196,365
Reserve Funds	19,635
Development Funds	
Debentures	
Contributions	
1987 Financing:	$216,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$216,000

13. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

16. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

17. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-15

1. PROJECT LOCATION & DESCRIPTION

Deck Replacement of Niagara Road 8 (Wolverton Road) Bridge, Grimsby

Proposed Start Date: July 1987

Proposed Completion Date: October 1987

2. NEED FOR PROJECT

4. (a) CAPITAL COST

Construction	
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$169,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$169,000

4. (b) FINANCING

Current Revenue	
MTC Subsidy	153,636
Reserve Funds	15,364
Development Funds	
Debentures	
Contributions	
1987 Financing:	$169,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$169,000

3. BENEFIT ALLOCATION

	x
(i) Existing Population	
(a) repair or replace existing facility	_____
(b) new or expanded service	_____
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	_____
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale
Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Roads

PROJECT DETAIL SHEET
PROJECT NO. R87-16

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COST		4. (b) FINANCING	
New Deck Overlay to Broadway Street Bridge over Abandoned Welland Canal, Welland	Construction		Current Revenue	
	Engineering		MTC Subsidy	
	Property		Reserve Funds	
Proposed Start Date: June 1987	Utility Relocations		Development Funds	
Proposed Completion Date: June 1987	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Canal Fund	90,000
	1987 COSTS	$90,000	1987 Financing:	$90,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$90,000	TOTAL FINANCING:	$90,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Roads

PROJECT YEAR: 1988

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
R88-1	Bridge Rehabilitation Program	1,000,000		500,000		500,000	0	500,000
R88-2	Bridge Inspection Program	50,000	25,000	25,000				
R88-3	Roads Rehabilitation Program	7,450,000	1,653,000	3,210,083		2,586,917	0	2,586,917
R88-4	Storm Sewer Cost Sharing	300,000	150,000	150,000		0	0	0
R88-5	Railroad Xing Improvement	35,000	17,500	17,500		0	0	0
R86-6	Traffic Signal Program	300,000	150,000	150,000		0	0	0
R88-7	Drainage Assessments	25,000	12,500	12,500		0	0	0
R88-8	Road Betterment Program	500,000	250,000	250,000		0	0	0
R88-9	Miscellaneous Properties	150,000	75,000	75,000		0	0	0
	SUB-TOTAL	9,810,000	2,333,000	4,390,083	0	3,086,917	0	3,086,917

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY:Regional Niagara
DEPARTMENT :Public Works
PROGRAM :Roads

PROJECT YEAR: 1989

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
R89-1	Bridge Rehabilitation Program	1,250,000	625,000	625,000	0	0	0	0
R89-2	Bridge Inspection Program	75,500	37,750	37,750	0	0	0	0
R89-3	Roads Rehabilitation Program	7,605,000	1,587,500	3,328,450	0	2,689,050	0	2,689,050
R89-4	Railroad Xing Improvement	54,500	27,250	27,250	0	0	0	0
R89-5	Traffic Signal Program	300,000	150,000	150,000	0	0	0	0
R89-6	Drainage Assessments	25,000	12,500	12,500	0	0	0	0
R89-7	Road Betterment Program	550,000	275,000	275,000	0	0	0	0
R89-8	Miscellaneous Properties	200,000	100,000	100,000	0	0	0	0
	SUB-TOTAL	10,060,000	2,815,000	4,555,950	0	2,689,050	0	2,689,050

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALTY:Regional Niagara
DEPARTMENT :Public Works
PROGRAM :Roads

PROJECT YEAR: 1990

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
R90-1	Bridge Rehabilitation Program	1,300,000	650,000	650,000	0	0	0	0
R90-2	Bridge Inspection Program	75,000	37,500	37,500	0	0	0	0
R90-3	Roads Rehabilitation Program	7,940,000	1,925,000	3,463,000	0	2,552,000	0	2,552,000
R90-4	Railroad Xing Improvement	50,000	25,000	25,000	0	0	0	0
R90-5	Traffic Signal Program	300,000	150,000	150,000	0	0	0	0
R90-6	Drainage Assessments	25,000	12,500	12,500	0	0	0	0
R90-7	Road Betterment Program	600,000	300,000	300,000	0	0	0	0
R90-8	Miscellaneous Properties	200,000	100,000	100,000	0	0	0	0
	SUB-TOTAL	10,490,000	3,200,000	4,738,000	0	2,552,000	0	2,552,000

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALTY:Regional Niagara
DEPARTMENT :Public Works
PROGRAM :Roads

PROJECT YEAR: 1991

PROJ. No.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURE	PRIOR APPROVAL	O. M. B. APPROVAL REQUIRED
			Tax Levy or User Charge	M.T.C Subsidy	Other Contributions			
R91-1	Bridge Rehabilitation Program	1,350,000	675,000	675,000	0	0	0	0
R91-2	Bridge Inspection Program	75,000	37,500	37,500	0	0	0	0
R91-3	Roads Rehabilitation Program	8,200,000	2,300,000	3,627,700	0	2,272,300	0	2,272,300
R91-4	Railroad Xing Improvement	50,000	25,000	25,000	0	0	0	0
R91-5	Traffic Signal Program	300,000	150,000	150,000	0	0	0	0
R91-6	Drainage Assessments	25,000	12,500	12,500	0	0	0	0
R91-7	Road Betterment Program	600,000	300,000	300,000	0	0	0	0
R91-8	Miscellaneous Properties	200,000	100,000	100,000	0	0	0	0
	SUB-TOTAL	10,800,000	3,600,000	4,927,700	0	2,272,300	0	2,272,300

Revised May 4/87

SECTION 7

PUBLIC WORKS

SEWAGE WORKS

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Sewage

PROJECT YEAR: 1987

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
S83-4	Secondary Treatment Addition Anger Ave. STP, Ft. Erie	300,000	222,600	77,400	MOE	0	0	0
S84-4	Additional Allocation for William St. Pumping Station	360,000	360,000	0		0	0	0
S85-13	Alternative Treatment Facility Smithville, Twp West Lincoln	3,400,000	0	717,800	MOE	2,682,200	0	2,682,200
S86-1	Nitrification Facilities Welland STP	13,275,000	0	3,614,000	MOE	9,661,000	0	9,661,000
S86-2	Expansion of Crystal Beach STP, Ft. Erie	300,000	231,400	68,600	MOE	0	0	0
S86-3	Sludge Management Facilities for Various Regional WPCP's	675,000	176,000	0		499,000	0	499,000
S86-6	Permanent Odour Control Facilities Sann Rd. Lincoln	125,000	125,000	0		0	0	0
S86-8	Treatment Process Unit Improve. Pt. Dalhousie, St Catharines	300,000	300,000	0		0	0	0
S86-11	Refurbish Rolling Acres Pumping Station, Niagara Falls	125,000	125,000	0		0	0	0
	SUB-TOTAL	18,860,000	1,540,000	4,477,800		12,842,200	0	12,842,200

Revised May 4/87

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Sewage

PROJECT YEAR: 1987

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
S86-12	Refurbish Muddy Run Pumping Station, Niagara Falls	100,000	100,000	0		0	0	0
S86-13	Refurbish Fretz St. Pumping Station, Pt. Colborne	175,000	175,000	0		0	0	0
S86-14	Refurbish Clark St. Pumping Station, Pt. Colborne	175,000	175,000	0		0	0	0
S87-1	Fort Erie Pollution Control Plan Study	900,000	450,000	450,000	MOE	0	0	0
S87-2	Asphalting Roadways at Niagara Falls Sludge Transfer Lagoons	80,000	80,000	0		0	0	0
S87-3	Equipment Modifications at Niagara Falls WPCP	225,000	225,000	0		0	0	0
S87-4	Alternative Sewage Treatment for Town of Niagara-on-the-Lake	150,000	150,000	0		0	0	0
S87-5	Pollution Control Plan Study Niagara-on-the-Lake	300,000	150,000	150,000	MOE	0	0	0
S87-6	St Catharines - Thorold Pollution Control Plan	25,000	25,000	0		0	0	0
	SUB-TOTAL	20,990,000	13,070,000	5,077,800		12,842,200	0	12,842,200

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Sewage

PROJECT YEAR: 1987

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
S87-7	Laboratory Facilities for Niagara Sewage & Water Operations	250,000	250,000	0		0	0	0
S87-8	Dunkers Domostration Project (Federal/Provincial/Niagara)	80,000	80,000	0		0	0	0
S87-9	Sludge Management Master Plan Study	200,000	200,000	0		0	0	0
S87-10	Regional Trunk Sanitary Sewer Repairs or Relocations	200,000	200,000	0		0	0	0
TOTAL		21,720,000	13,800,000	5,077,800		12,842,200	0	12,842,200

Revised May 4/87

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. 883-4

1. PROJECT LOCATION & DESCRIPTION

Secondary Tratment Addition @ Anger Avenue PCP, Fort Erie

Proposed Start Date: March 1988

Proposed Completion Date: May 1989

2. NEED FOR PROJECT

To increase plant capicity from 3.6 MIGD to 5.4 MIGD and to provide secondary treatment. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	300,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	300,000
Prior/Subsequent year costs:	
Year 1983-86	690,000
Year 1988-89	8,000,000
TOTAL PROJECT COST:	$8,990,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	77,400
Reserve Funds	222,600
Development Funds	
Debentures	
Contributions	
1987 Financing:	300,000
Prior/subsequent year financing	
Year 1983-86	690,000
Year 1988	8,000,000
TOTAL FINANCING:	$8,990,000

3. BENEFIT ALLOCATION

	x
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	60
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	40
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.)	7
Est. Incremental Operating Cost/yr	$520,000

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S84-4

1. PROJECT LOCATION & DESCRIPTION

Additional Allocation for William Stree Pumping Station, Niagara-on-the-Lake

Proposed Start Date: June 1987

Proposed Completion Date: December 1987

2. NEED FOR PROJECT

A new station is required to replace the existing undersized, wornout facility. The pumps are to be sized for existing flows but the structure itself for furtue flows. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	330,000
Engineering	20,000
Property	
Utility Relocations	
Traffic Signal	
Others	10,000
1987 COSTS	$360,000
Prior/Subsequent year costs:	
Year 1984-86	535,000
Year	
TOTAL PROJECT COST:	$895,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	360,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	360,000
Prior/subsequent year financing	
Year 1984-86	535,000
Year	
TOTAL FINANCING:	$895,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	75
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. 885-13

1. PROJECT LOCATION & DESCRIPTION

Alternative Treatment Facilities @ Smithville, West Lincoln

Proposed Start Date: January 1988

Proposed Completion Date: October 1988

2. NEED FOR PROJECT

To comply with Ministry of the Environment requirements regarding discharges to 20 Mile Creek and to provide capacity for growth. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	2,850,000
Engineering	550,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	3,400,000
Prior/Subsequent year costs:	
Year 1985-86	500,000
Year 1988	1,100,000
TOTAL PROJECT COST:	$5,000,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	33
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	67
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	717,800
Reserve Funds	
Development Funds	
Debentures	2,682,200
Contributions	
1987 Financing:	3,400,000
Prior/subsequent year financing	
Year 1985-86	500,000
Year 1988	1,100,000
TOTAL FINANCING:	$5,000,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.)	
Est. Incremental Operating Cost/yr	$150,000

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. 586-1

1. PROJECT LOCATION & DESCRIPTION

Nitrification Facilities & Capacity Increase @ Welland PCP

Proposed Start Date: March 1988

Proposed Completion Date: 1989

2. NEED FOR PROJECT

To provide for growth in the Welland/Pelham areas and also to comply with new Ministry of the Environment discharge criteria. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	11,775,000
Engineering	1,500,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	13,275,000
Prior/Subsequent year costs:	
Year 1986 Year	250,000
TOTAL PROJECT COST:	$13,525,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	67
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	33
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	3,614,000
Reserve Funds	
Development Funds	
Debentures	9,661,000
Contributions	
1987 Financing:	13,275,000
Prior/subsequent year financing	
Year 1986 Year	250,000
TOTAL FINANCING:	$13,525,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.)	5
Est. Incremental Operating Cost/yr	$400,000

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S86-2

1. PROJECT LOCATION & DESCRIPTION

Expansion of Crystal Beach PCP, Fort Erie

Proposed Start Date: March 1989

Proposed Completion Date: May 1989

2. NEED FOR PROJECT

To provide upgraded and expanded sewage treatment capability. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	300,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$300,000
Prior/Subsequent year costs:	
Year 1986	300,000
Year 1988/89	6,800,000
TOTAL PROJECT COST:	$7,400,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	68,600
Reserve Funds	231,400
Development Funds	
Debentures	
Contributions	
1987 Financing:	300,000
Prior/subsequent year financing	
Year 1986	300,000
Year 1988/89	6,800,000
TOTAL FINANCING:	$7,400,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	43
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	57
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) 3

Est. Incremental Operating Cost/yr $2,000,000

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Allan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. 886-3

1. PROJECT LOCATION & DESCRIPTION

Sludge Management Facilities for Various WPCP's

Proposed Start Date: 1987

Proposed Completion Date: 1989

2. NEED FOR PROJECT

To provide sufficient sludge transfer storage capacity for use when direct land application of digested sludge is not possible. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	675,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	675,000
Prior/Subsequent year costs:	
Year 1986	525,000
Year 1988-89	1,050,000
TOTAL PROJECT COST:	$2,250,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	175,000
Development Funds	
Debentures	499,000
Contributions	
1987 Financing:	675,000
Prior/subsequent year financing	
Year 1986	525,000
Year 1988-89	1,050,000
TOTAL FINANCING:	$2,250,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	50
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	50
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S86-6

1. PROJECT LOCATION & DESCRIPTION

Permanent Odour Control Facilities on Sann Road, Lincoln

Proposed Start Date: June 1987

Proposed Completion Date: October 1987

2. NEED FOR PROJECT

A permanent facility is required to replace the existing temporary facility. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$125,000
Prior/Subsequent year costs:	
Year 1986	125,000
Year	
TOTAL PROJECT COST:	$250,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	125,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	125,000
Prior/subsequent year financing	
Year 1986	125,000
Year	
TOTAL FINANCING:	$250,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S86-8

1. PROJECT LOCATION & DESCRIPTION

Treatment Process Unit Improvements @ Port Dalhousie PCP, St Catharines

Proposed Start Date: 1987

Proposed Completion Date: 1991

2. NEED FOR PROJECT

To improve the proformance of the existing plant and provide capacity for growth. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	300,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$300,000
Prior/Subsequent year costs:	
Year 1986	500,000
Year 1988-91	9,000,000
TOTAL PROJECT COST:	$9,800,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	25
(b) new or expanded service	10
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	65
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	300,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	300,000
Prior/subsequent year financing	
Year 1986	500,000
Year 1988-91	9,000,000
TOTAL FINANCING:	$9,800,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.)	4
Est. Incremental Operating Cost/yr	$500,000

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S86-11

1. PROJECT LOCATION & DESCRIPTION

Refurbish Rolling Acres Pumping Station, Niagara Falls

Proposed Start Date: August 1987

Proposed Completion Date: December 1987

2. NEED FOR PROJECT

The existing facility is a high maintenance facility with electrical and mechanical having exceeded its useful life. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	125,000
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$125,000
Prior/Subsequent year costs:	
Year 1986	20,000
Year	
TOTAL PROJECT COST:	$145,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	125,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	125,000
Prior/subsequent year financing	
Year 1986	20,000
Year	
TOTAL FINANCING:	$145,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S86-12

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COSTS		4. (b) FINANCING	
Refurbish Muddy Run Pumping Station, Niagara Falls	Construction	100,000	Current Revenue	
	Engineering		Grants/Subsidies	
	Property		Reserve Funds	100,000
Proposed Start Date: August 1987	Utility Relocations		Development Funds	
Proposed Completion Date: December 1987	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
The existing facility is a high maintenance facility with electrical and mechanical having exceeded its useful life. (DEA 294, 31)	1987 COSTS	$100,000	1987 Financing:	100,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year 1986	20,000	Year 1986	20,000
	Year		Year	
	TOTAL PROJECT COST:	$120,000	TOTAL FINANCING:	$120,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	x		New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility	100	Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Allen Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S86-13

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COSTS		4. (b) FINANCING	
Refurbish Fretz Street Pumping Station, Port Colborne	Construction	175,000	Current Revenue	
	Engineering		Grants/Subsidies	
	Property		Reserve Funds	175,000
Proposed Start Date: August 1987	Utility Relocations		Development Funds	
Proposed Completion Date: December 1987	Traffic Signal		Debentures	
	Others		Contributions	
2. NEED FOR PROJECT	1987 COSTS	$175,000	1987 Financing:	175,000
To replace wornout electrical and mechanical components. (DEA 294, 31)	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year 1986	25,000	Year 1986	25,000
	Year		Year	
	TOTAL PROJECT COST:	$200,000	TOTAL FINANCING:	$200,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility	100	Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S86-14

1. PROJECT LOCATION & DESCRIPTION

Refurbish Clark Street Pumping Station, Port Colborne

Proposed Start Date: August 1987

Proposed Completion Date: December 1987

2. NEED FOR PROJECT

To replace wornout electrical and mechanical components.
(DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	175,000
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$175,000
Prior/Subsequent year costs:	
Year 1986	25,000
Year	
TOTAL PROJECT COST:	$200,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	175,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	175,000
Prior/subsequent year financing	
Year 1986	25,000
Year	
TOTAL FINANCING:	$200,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	100
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-1

1. PROJECT LOCATION & DESCRIPTION

Fort Erie Pollution Control Plan Study

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

To identify and quantify the extent of sewage system degradation and its impact on combined sewage overflows. To develop cost effective solutions for reducing/eliminating combined sewage overflow occurances. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	900,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$900,000
Prior/Subsequent year costs:	
Year 1988	200,000
Year	
TOTAL PROJECT COST:	$1,100,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	50
(b) new or expanded service	25
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	450,000
Reserve Funds	450,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	900,000
Prior/subsequent year financing	
Year 1988	200,000
Year	
TOTAL FINANCING:	$1,100,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-2

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COSTS		4. (b) FINANCING	
Asphalting Roadways @ Niagara Falls Sludge Transfer Site	Construction	80,000	Current Revenue	
	Engineering		Grants/Subsidies	
	Property		Reserve Funds	80,000
Proposed Start Date: May 1987	Utility Relocations		Development Funds	
Proposed Completion Date: May 1987	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
To fulfill a commitment made in the ESR during the approval process and to provide suitable paved access roads to lagoons.	1987 COSTS	$80,000	1987 Financing:	80,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$80,000	TOTAL FINANCING:	$80,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	%		New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service	100	7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-3

1. PROJECT LOCATION & DESCRIPTION

Equipment Modifications @ Niagara Falls PCP

Proposed Start Date: May 1987

Proposed Completion Date: December 1987

2. NEED FOR PROJECT

To improve process capability of the newly constructed RBC secondary treatment facility. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	200,000
Engineering	25,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$225,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$225,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	225,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	225,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$225,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	100
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-4

1. PROJECT LOCATION & DESCRIPTION

Alternative Sewage Treatment for Town of Niagara-on-the-Lake

Proposed Start Date: 1987

Proposed Completion Date: 1991

2. NEED FOR PROJECT

The existing Niagara-on-the-Lake lagoons are reaching capacity. In providing expanded facilities various alternatives for treatment must be considered. Future cost estimates are based on a mechanical treatment plant and are subject to revision pending completion of the study. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	150,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$150,000
Prior/Subsequent year costs:	
Year 1988-91	5,300,000
Year	
TOTAL PROJECT COST:	$5,450,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	50
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	50
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	150,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	150,000
Prior/subsequent year financing	
Year 1988-91	5,300,000
Year	
TOTAL FINANCING:	$5,450,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.)	6
Est. Incremental Operating Cost/yr	$500,000

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-5

1. PROJECT LOCATION & DESCRIPTION

Pollution control Plan Study,
Niagara-on-the-Lake

Proposed Start Date: June 1987

Proposed Completion Date: December 1988

2. NEED FOR PROJECT

To identify and quantify the extend of sewage system degradation and its impact on combined sewage overflows. To develop cost effect solutions for reducing/ eliminating combined sewage overflow occurances. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	300,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$300,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$300,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	150,000
Reserve Funds	150,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	300,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$300,000

3. BENEFIT ALLOCATION

	x
(i) Existing Population	
(a) repair or replace existing facility	50
(b) new or expanded service	25
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-6

1. PROJECT LOCATION & DESCRIPTION

St Catharines/Thorold Pollution Control Plan Study

Proposed Start Date: January 1987

Proposed Completion Date: December 1987

2. NEED FOR PROJECT

To identify and quantify the extend of sewage system degradation and its impact ion combined sewage overflows. To develop cost effect solutions for reducing/ eliminating combined sewage overflow occurances. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	25,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$25,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$25,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	50
(b) new or expanded service	25
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	25,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	25,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$25,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-7

1. PROJECT LOCATION & DESCRIPTION

Laboratory Facilities for Niagara Sewage & Water Operations

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

To provide analyitical services for compliance moritoring for Ministry of the Environment certificate of approval. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	250,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$250,000
Prior/Subsequent year costs:	
Year 1988	750,000
Year	
TOTAL PROJECT COST:	$1,000,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	10
(b) new or expanded service	55
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	35
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	250,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	250,000
Prior/subsequent year financing	
Year 1988	750,000
Year	
TOTAL FINANCING:	$1,000,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.)	3 - 5
Est. Incremental Operating Cost/yr	$75,000

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. 887-8

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COSTS		4. (b) FINANCING	
Dunkers Demostration Project (Federal/Provincial/Niagara)	Construction		Current Revenue	
	Engineering	80,000	Grants/Subsidies	
	Property		Reserve Funds	80,000
Proposed Start Date: 1987	Utility Relocations		Development Funds	
Proposed Completion Date: 1987	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
Demostrate one option in CSO control. (DEA 294, 31)	1987 COSTS	$80,000	1987 Financing:	80,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$80,000	TOTAL FINANCING:	$80,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
	x		New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr	$25,000
	(b) new or expanded service	90	7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	10	Alan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-9

1. PROJECT LOCATION & DESCRIPTION

Sludge Management Master Plan Study

Proposed Start Date: June 1987

Proposed Completion Date: December 1988

2. NEED FOR PROJECT

To provide framework for furtue of regions sludge dispoal program.

4. (a) CAPITAL COSTS

Construction	
Engineering	200,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$200,000
Prior/Subsequent year costs:	
Year 1988	300,000
Year	
TOTAL PROJECT COST:	$500,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	75
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	200,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	200,000
Prior/subsequent year financing	
Year 1986	300,000
Year	
TOTAL FINANCING:	$500,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Sewage Works

PROJECT DETAIL SHEET
PROJECT NO. S87-10

1. PROJECT LOCATION & DESCRIPTION

Regional Trunk Sanitary Sewer Repairs or Relocations

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

This provision is for unforseen repairs or relocations of regional trunk sanitary sewers.

4. (a) CAPITAL COSTS

Construction	
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$200,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$200,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	200,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	200,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$200,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Sewage

PROJECT YEAR: 1988

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
S83-4	Secondary Treatment Addition Anger Ave. STP, Ft. Erie	8,000,000	0	2,678,500	MOE	5,321,500	0	5,321,500
S85-13	Alternative Treatment Facility Smithville, Twp of West Lincoln	1,100,000	0	232,200	MOE	867,800	0	867,800
S86-2	Expansion of Crystal Beach STP, Ft. Erie	300,000	0	68,600	MOE	231,400	0	231,400
S86-3	Sludge Management Facilities for Various Regional WPCP's	300,000	300,000	0		0	0	0
S86-8	Treatment Process Unit Improve. Pt. Dalhousie, St Catharines	1,000,000	1,000,000	0		0	0	0
S87-1	Fort Erie Pollution Control Plant Study	200,000	100,000	100,000	MOE	0	0	0
S87-4	Alternative Sewage Treatment for Town of Niagara-on-the-Lake	300,000	300,000	0		0	0	0
S87-7	Laboratory Facilities for Niagara Sewage & Water Operations	750,000	750,000	0		0	0	0
S88-1	Refurbish Union St. Pumping Station, Port Colborne	50,000	50,000	0		0	0	0
	TOTAL	12,000,000	2,500,000	3,079,300		6,420,700	0	6,420,700

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Sewage

PROJECT YEAR: 1989

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SUBSIDY AND CONTRIBUTION SOURCE			
S86-2	Expansion of Crystal Beach STP, Ft. Erie	6,500,000	475,000	1,486,000	MOE	4,539,000	0	4,539,000
S86-3	Sludge Management Facilities for Various Regional WPCP's	750,000	750,000	0		0	0	0
S86-8	Treatment Process Unit Improve. Pt. Dalhousie, St Catharines	2,000,000	0	0		2,000,000	0	2,000,000
S87-4	Alternative Sewage Treatment for Town of Niagara-on-the-Lake	1,000,000	1,000,000	0		0	0	0
S88-1	Refurbish Union St. Pumping Station, Port Colborne	400,000	400,000	0		0	0	0
S89-2	Additional Digester Capacity Niagara Falls WPCP	375,000	375,000	0		0	0	0
	TOTAL	11,025,000	3,000,000	1,486,000		6,539,000	0	6,539,000

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara.
DEPARTMENT : Public Works
PROGRAM : Sewage

PROJECT YEAR: 1990

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
S86-8	Treatment Process Unit Improve. Pt. Dalhousie, St Catharines	3,000,000	0	0		3,000,000	0	3,000,000
S87-4	Alternative Sewage Treatment for Town of Niagara-on-the-Lake	4,000,000	0	0		4,000,000	0	4,000,000
S89-2	Additional Digester Capacity Niagara Falls WPCP	2,500,000	1,850,000	0		650,000	0	650,000
S90-1	Grimsby - Lincoln Pollution Control Plan Study	1,000,000	500,000	500,000	MOE	0	0	0
S90-2	Engineering Evaluation of Capacity Requirements at Baker Rd PCP	200,000	200,000	0		0	0	0
S90-3	Engineering Evaluation of Capacity Requirements at Seaway Pollution Control Plant	200,000	200,000	0		0	0	0
S90-4	Port Colborne Control Plan Study	500,000	250,000	250,000	MOE	0	0	0
	TOTAL	11,400,000	3,000,000	750,000		7,650,000	0	7,650,000

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Sewage

PROJECT YEAR: 1991

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
S86-8	Treatment Process Unit Improve. Pt. Dalhousie, St Catharines	3,000,000	550,000	0		2,450,000	0	2,450,000
S90-2	Engineering Evaluation of Capacity Requirements at Baker Rd PCP	300,000	300,000	0		0	0	0
S90-3	Engineering Evaluation of Capacity Requirements at Seaway Pollution Control Plant	300,000	300,000	0		0	0	0
S91-1	South End Water Pollution Control Plant Feasibility Study, Niagara Falls	600,000	600,000	0		0	0	0
S91-2	Niagara Falls Pollution Control Plan Study	1,000,000	500,000	500,000	MOE	0	0	0
S91-4	Welland Pollution Control Plan Study	1,500,000	750,000	750,000	MOE	0	0	0
	TOTAL	6,700,000	3,000,000	1,250,000		2,450,000	0	2,450,000

Revised May 4/87

SECTION 8

PUBLIC WORKS

WATER WORKS

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Water

PROJECT YEAR: 1987

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
W84-2	Additional Allocation for Reservoir, NOTL and Zone II St Catharines	2,000,000	1,700,000	300,000	MOE	0	0	0
W84-4	Additional Allocation for St Davids Booster Pump Station	5,000	5,000	0		0	0	0
W86-5	Taste/Odour Study, Rosehill WTP and Facility Installation, Ft. Erie	50,000	50,000	0		0	0	0
W86-6	Feasibility Study, Fourth Ave Watermain Extension, Lincoln	35,000	35,000	0		0	0	0
W87-1	Additional Reservior Capacity Decew Falls WTP	2,000,000	402,500	300,000	MOE	1,297,500	0	1,297,500
W87-2	Water System Review Study St Catharines/Thorold/NOTL	50,000	50,000	0		0	0	0
W87-3	Replacement of Chrysler Rd. Watermain, NOTL	200,000	* 150,000 50,000	0		0	0	0
W87-4	Water System Review Study Fort Erie	50,000	50,000	0		0	0	0
W87-5	Upgrading Water Supply to Grimsby/Lincoln	300,000	255,000	45,000	MOE	0	0	0
	SUB-TOTAL	4,690,000	* 150,000 2,597,500	645,000		1,297,500	0	1,297,500

* $150,000 Water Supply Current Budget

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Water

PROJECT YEAR: 1987

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
W87-6	Watermain along CNR ROW, Durham Rd to Baker Rd, Grimsby	650,000	552,500	97,500	MOE	0	0	0
W87-7	Water System Review Study, Niagara Falls	50,000	50,000	0		0	0	0
W87-8	Water System Review Study, Port Colborne	50,000	50,000	0		0	0	0
W87-9	Water System Review Study, Welland/Pelham	50,000	50,000	0		0	0	0
W87-10	Alternative Water Supply for Smithville	3,000,000	0	3,000,000	MOE	0	0	0
	TOTAL	8,490,000	* 150,000 3,300,000	3,742,500		1,297,500	0	1,297,500

* $150,000 Water Supply Current Budget

Revised May 4/87

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W84-2

1. PROJECT LOCATION & DESCRIPTION

Additional Allocation Reservoir
Niagara-on-the-Lake and Zone II
St Catharines/DeCew System

Proposed Start Date: 1987 (Tank)
1988 (Reservoir)
Proposed Completion Date: 1988 (Tank)
1989 (Reserv)

2. NEED FOR PROJECT

This project is to provide fo additional water storage for the Niagara-on-the Lake and Zone II St Catharines. It involves an elevated tank in Virgil, which is presently under construction and a ground reservoir in the vicinity of Taylor Road and Glendale Avenue.

4. (a) CAPITAL COSTS

Construction	1,700,000
Engineering	300,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$2,000,000
Prior/Subsequent year costs:	
Year 1984-86	1,200,000
Year	
TOTAL PROJECT COST:	$3,200,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	50
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	50
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	300,000
Reserve Funds	1,700,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	2,000,000
Prior/subsequent year financing	
Year 1984/86	1,200,000
Year	
TOTAL FINANCING:	$3,200,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.)

Est. Incremental Operating Cost/yr $0

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale
Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W84-4

1. PROJECT LOCATION & DESCRIPTION

Additional Allocation for St. Davids Booster Pumping Station, Niagara-on-the-Lake

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

The booster pumping station is required to improve the supply and pressure to the St. Davids community. A contract has been let to ensure its completion before the next canning season. An additional $5,000 has been approved by Council to facilitate the tender award.

4. (a) CAPITAL COSTS

Construction	
Engineering	
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$5,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$5,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	5,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	$5,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$5,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W86-5

1. PROJECT LOCATION & DESCRIPTION

Taste & Odour Study, Rosehill Water Treatment Plant & Facility Installation, Fort Erie

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

To eliminate taste and odour problems with potable water supply. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	50,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$50,000
Prior/Subsequent year costs:	
Year 1986	75,000
Year 1988	550,000
TOTAL PROJECT COST:	$675,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	50,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	50,000
Prior/subsequent year financing	
Year 1986	75,000
Year 1988	550,000
TOTAL FINANCING:	$675,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	50
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	50
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.)	
Est. Incremental Operating Cost/yr	$50,000

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Alan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W86-6

1. PROJECT LOCATION & DESCRIPTION

Feasiblity Study, Fourth Ave.
Watermain Extension, Vineland
Lincoln/DeCew System

Proposed Start Date: June 1987

Propcsed Completion Date: September 1987

2. NEED FOR PROJECT

Currently, our Fourth Avenue trunk to Vineland ends at 19th Street Louth. The connection to our standpipe on Vineland Townline Road is through the local distribution system. This project is to provide improved convection between supply and storage and to permit revision of other watermains to local municipality.

4. (a) CAPITAL COSTS

Construction	
Engineering	35,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$35,000
Prior/Subsequent year costs:	
Year 1986	25,000
Year	
TOTAL PROJECT COST:	$60,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	50
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	50
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	35,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	35,000
Prior/subsequent year financing	
Year 1986	25,000
Year	
TOTAL FINANCING:	$60,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Allan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-1

1. PROJECT LOCATION & DESCRIPTION

Additional Reservoir Capacity @ DeCew Falls Water Treatment Plant

Proposed Start Date: March 1988

Proposed Completion Date: December 1988

2. NEED FOR PROJECT

To provide storage to balance water production rate vs demand rate.

4. (a) CAPITAL COSTS

Construction	1,700,000
Engineering	300,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	2,000,000
Prior/Subsequent year costs:	
Year 1988	3,000,000
Year	
TOTAL PROJECT COST:	$5,000,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	300,000
Reserve Funds	402,500
Development Funds	
Debentures	1,297,500
Contributions	
1987 Financing:	2,000,000
Prior/subsequent year financing	
Year 1988	3,000,000
Year	
TOTAL FINANCING:	$5,000,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	65
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	35
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Allan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-2

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COSTS		4. (b) FINANCING	
Water System Review Study, DeCew System	Construction		Current Revenue	
	Engineering	50,000	Grants/Subsidies	
	Property		Reserve Funds	50,000
Proposed Start Date: June 1987	Utility Relocations		Development Funds	
Proposed Completion Date: December 1987	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
Identify limitations in existing distribution system and design information for expansion.	1987 COSTS	$50,000	1987 Financing:	50,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$50,000	TOTAL FINANCING:	$50,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service	75	7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25	Allan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-3

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COSTS		4. (b) FINANCING	
Replacement of Crysler Road Watermain, DeCew System	Construction	175,000	Current Revenue	150,000
	Engineering	25,000	Grants/Subsidies	
	Property		Reserve Funds	50,000
Proposed Start Date: 1987	Utility Relocations		Development Funds	
Proposed Completion Date: 1987	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
To replace an existing watermain which has a high cost of repair due to corrision. (DEA 294, 31)	1987 COSTS	$200,000	1987 Financing:	200,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$200,000	TOTAL FINANCING:	$200,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility	100	Est. Incremental Operating Cost/yr $	
	(b) new or expanded service		7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)		Allan Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-4

1. PROJECT LOCATION & DESCRIPTION

Water Supply Review Study,
Town of Fort Erie

Proposed Start Date: 1987

Proposed Completion Date: 1987

2. NEED FOR PROJECT

Identify limitations in existing distribution system and design information for expansion. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	50,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$50,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$50,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	50,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	$50,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$50,000

3. BENEFIT ALLOCATION

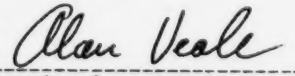
	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	75
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN



Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-5

1. PROJECT LOCATION & DESCRIPTION

Upgrading Grimsby Water Treatment Plant

Proposed Start Date: 1987

Proposed Completion Date: 1991

2. NEED FOR PROJECT

To replace existing facility which is in need of considerable (100%) overhaul. (DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	
Engineering	300,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$300,000
Prior/Subsequent year costs:	
Year 1988/91	14,500,000
Year	
TOTAL PROJECT COST:	$14,800,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	45,000
Reserve Funds	255,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	300,000
Prior/subsequent year financing	
Year 1988/91	14,500,000
Year	
TOTAL FINANCING:	$14,800,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	50
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	50
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Allan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-6

1. PROJECT LOCATION & DESCRIPTION

Watermain along CNR Right-of-Way, Durham Road to Baker Road, Town of Lincoln/Town of Grimsby

Proposed Start Date: August 1987

Proposed Completion Date: December 1987

2. NEED FOR PROJECT

To convert Grimsby and Lincoln water distribution systems.
(DEA 294, 31)

4. (a) CAPITAL COSTS

Construction	590,000
Engineering	60,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$650,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$650,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	97,500
Reserve Funds	552,500
Development Funds	
Debentures	
Contributions	
1987 Financing:	$650,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$650,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	50
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	50
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Allan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-7

1. PROJECT LOCATION & DESCRIPTION

Water System Review Study,
City of Niagara Falls

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

Identify limitations in existing distribution system and design information for expansion.

4. (a) CAPITAL COSTS

Construction	
Engineering	50,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$50,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$50,000

3. BENEFIT ALLOCATION

%	
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	75
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25
Total =	100

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	50,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	50,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$50,000

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Allan Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-8

1. PROJECT LOCATION & DESCRIPTION

Water System Review Study,
City of Port Colborne

Proposed Start Date:

Proposed Completion Date:

2. NEED FOR PROJECT

This is to provide for a review of the water system served by the Port Colborne Water Treatment Plant. It will identify the limitations of the present system and provide data for the use in the preparation of future capital budgets.

4. (a) CAPITAL COSTS

Construction	
Engineering	50,000
Property	
Utility Relocations	
Traffic Signal	
Others	
1987 COSTS	$50,000
Prior/Subsequent year costs:	
Year	
Year	
TOTAL PROJECT COST:	$50,000

4. (b) FINANCING

Current Revenue	
Grants/Subsidies	
Reserve Funds	50,000
Development Funds	
Debentures	
Contributions	
1987 Financing:	$50,000
Prior/subsequent year financing	
Year	
Year	
TOTAL FINANCING:	$50,000

3. BENEFIT ALLOCATION

	%
(i) Existing Population	
(a) repair or replace existing facility	
(b) new or expanded service	75
(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	25
Total =	100

6. EFFECT ON REVENUE BUDGET

New Staff (no.) _____

Est. Incremental
Operating Cost/yr $_____

7. CONFORM WITH THE REGIONAL OFFICIAL PLAN

Allen Veale

Planning Department

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-9

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COSTS		4. (b) FINANCING	
Water System Review Study, Welland/Pelham	Construction		Current Revenue	
	Engineering	50,000	Grants/Subsidies	
	Property		Reserve Funds	50,000
Proposed Start Date: 1987	Utility Relocations		Development Funds	
Proposed Completion Date: 1988	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
This is to provide for a review of the water system served by the Welland Water Treatment Plant. It will identify the limitations of the present system and provide data for the use in the preparation of future capital budgets.	1987 COSTS	$50,000	1987 Financing:	$50,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$50,000	TOTAL FINANCING:	$50,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population			
	(a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service	67	7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	33	Allen Veale	
	Total =	100	Planning Department	

THE REGIONAL MUNICIPALITY OF NIAGARA

1987 CAPITAL BUDGET

MUNICIPALITY: Regional Niagara
DEPARTMENT: Public Works
PROGRAM: Waterworks

PROJECT DETAIL SHEET
PROJECT NO. W87-10

1. PROJECT LOCATION & DESCRIPTION	4. (a) CAPITAL COSTS		4. (b) FINANCING	
Water Supply to Smithville, Township of West Lincoln	Construction	2,700,000	Current Revenue	
	Engineering	300,000	Grants/Subsidies	3,000,000
	Property		Reserve Funds	
Proposed Start Date: March 1987	Utility Relocations		Development Funds	
Proposed Completion Date: July 1988	Traffic Signal		Debentures	
2. NEED FOR PROJECT	Others		Contributions	
To provide a safe water supply for the community of Smithville. (DEA 294, 31)	1987 COSTS	$3,000,000	1987 Financing:	$3,000,000
	Prior/Subsequent year costs:		Prior/subsequent year financing	
	Year		Year	
	Year		Year	
	TOTAL PROJECT COST:	$3,000,000	TOTAL FINANCING:	$3,000,000
	3. BENEFIT ALLOCATION		6. EFFECT ON REVENUE BUDGET	
		%	New Staff (no.)	
	(i) Existing Population (a) repair or replace existing facility		Est. Incremental Operating Cost/yr $	
	(b) new or expanded service	67	7. CONFORM WITH THE REGIONAL OFFICIAL PLAN	
	(ii) New/Future Population (i.e. oversizing cost in anticipation of growth)	33	Allan Veale	
	Total =	100	Planning Department	

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Water

PROJECT YEAR: 1988

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
W86-5	Taste/Odour Study, Rosehill WTP and Facility Installation, Ft. Erie	550,000	550,000	0		0	0	0
W87-1	Additional Reservior Capacity Decew Falls WTP	3,000,000	377,500	450,000	MOE	2,172,500	0	2,172,500
W87-5	Upgrading Water Supply to Grimsby/Lincoln	1,500,000	1,275,000	225,000	MOE	0	0	0
W88-1	Refurbish DeCew Filter Piping and Controls and Process Control System	200,000	170,000	30,000	MOE	0	0	0
W88-2	Process Control System for Rosehill Water Treatment Plant	150,000	127,500	22,500	MOE	0	0	0
	TOTAL	5,400,000	2,500,000	727,500		2,172,500	0	2,172,500

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Water

PROJECT YEAR: 1989

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
W87-5	Upgrading Water Supply to Grimsby/Lincoln	13,000,000	764,500	1,950,000	MOE	10,285,500	0	10,285,500
W88-1	Refurbish DeCew Filter Piping and Controls and Process Control System	2,000,000	1,700,000	300,000	MOE	0	0	0
W88-2	Process Control System for Rosehill Water Treatment Plant	600,000	510,000	90,000	MOE	0	0	0
W89-1	Booster Pumping Station at Grimsby/Lincoln Boundary	30,000	25,500	4,500	MOE	0	0	0
	TOTAL	15,630,000	3,000,000	2,344,500		10,285,500	0	10,285,500

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Water
PROJECT YEAR: 1990

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
W88-1	Refurbish DeCew Filter Piping and Controls and Process Control System	3,000,000	1,206,500	450,000	MOE	1,343,500	0	1,343,500
W89-1	Booster Pumping Station at Grimsby/Lincoln Boundary	300,000	255,000	45,000	MOE	0	0	0
W90-1	Dunting Road Watermain from Carlton Street to Scott Street	35,000	29,750	5,250	MOE	0	0	0
W90-2	Reinforcement of Water Supply to Queenston/St Davids	1,125,000	956,250	168,750	MOE	0	0	0
W90-4	Elevated Tank for Smithville Community	650,000	552,500	97,500	MOE	0	0	0
	TOTAL	5,110,000	3,000,000	766,500		1,343,500	0	1,343,500

Revised May 4/87

1987-1991 CAPITAL BUDGET FORECAST

MUNICIPALITY: Regional Niagara
DEPARTMENT : Public Works
PROGRAM : Water

PROJECT YEAR: 1991

PROJ. NO.	DESCRIPTION & LOCATION	GROSS EXPENDITURE	REVENUE			DEBENTURES	PRIOR DEBENTURE APPROVAL	O.M.B. APPROVAL REQUIRED
			CAPITAL LEVY RESERVE FUND	SUBSIDY AND CONTRIBUTION AMOUNT	SOURCE			
W30-1	Bunting Road Watermain from Carlton Street to Scott Street	600,000	510,000	90,000	MOE	0	0	0
W31-1	Engineering for Watermain along INS & T Right-of-Way to Downtown Core, Niagara Falls	300,000	255,000	45,000	MOE	0	0	0
	TOTAL	900,000	765,000	135,000		0	0	0

Revised May 4/87